Sohag University
Sohag, Egypt

Faculty of Science

Curriculum Vitae

Name: Antar Ahmed Abd Elhamid

Date of Birth: October, 13, 1979

Place of Brith: Sohag, Egypt

Sex: Male

Marital Status: Married

Nationality : Egyptian

Education:

2002 B. Sc. Very good with honor Chemistry South valley University, Egypt

2007 M. Sc. Sohag University, Egypt

2012 Ph. D. Sohag University, Egypt

Positions Held:

2003: Demonstrator in chemistry Department, faculty of Science at Sohag, South valley University, Egypt

2007: Assistant Lecturer Chemistry Department, faculty of Science at Sohag University, Egypt

2012: Ph. D. Student scholarship for six months in Organic Chemistry Department, Faculty of Chemistry, Manchester metropolitan University, Manchester, UK

2013: Lecturer at Chemistry Department, faculty of Science at Sohag University, Egypt

2018: Assistance professor at Chemistry Department, faculty of Science at Sohag University, Egypt

Awards:

2004-2007: M.Sc. Researcher Position at South Valley University, Egypt.
2008 –2012: Ph. D. Researcher Position at Sohag University
2012: Ph. D. Student scholarship for six in Organic Chemistry Department, Faculty of Chemistry, Manchester metropolitan University, Manchester, UK

M. Sc. Title:

"Synthesis and Reactions of some new s-triazolo[3,4-b]-1,3,4 –thiadiazole and -thiadiazine derivatives"

Ph. D. Title:

"Synthesis and x-ray analysis of new heterocyclic compounds based in amino alcohols via three component condensation reactions"

Previous Position:

Lecturer in Chemistry Department, Faculty of Science at Sohag University, Egypt.

Present Position:

Assistance professor in Chemistry Department, Faculty of Science at Sohag University, Egypt.

Languages :

- Arabic (native language)
- English (professional)

Google Scholar:
https://scholar.google.com.eg/citations?user=hB2D7owAAAAJ&hl=en
Citation indices
Citations **189**
h-index **7**

Research gate:
https://www.researchgate.net/profile/Antar_Abdelhamid
Research items **174**
Reads **4115**
Citation **121**

Skills and Expertise:

- Highly skilled hands in all types of organic synthesis including heterocyclic, amino acid, amino alcohol, natural product, alicyclic and organometallic compounds .
- Highly skilled hands in all types of organic crystallizations including heterocyclic, Practical experience in growing single crystals of inorganic and organic compounds for x-ray of structural analysis
- Skilled in preparing and characterizing of Heterocyclic which synthesis of drugs .
- Expert in using classical flash liquid chromatography and standard purification methods.
- Practical experience of various spectroscopic techniques such as NMR, IR ,ESR, UV/VIS .
- Proficient in using fiber-optic infrared probe for in-situ spectro electrochemistry.
- Good user of optical microscopy, scanning electronmicroscope (SEM) and atomic force microscopy (AFM)
- Advanced computer skills including using of Word, Excel and power point .
- Origin, Kaleidagraph and Chem. Draw Ultra software.

List of international conferences.

1. "Microwave Assisted for synthesis of decahydroacridine-1,8-dione derivatives via multicomponent reactions using primary amino alcohols " by **Antar A, Abdelhamid**, International conference on Chemical Science & Applications 6-9 Aug **2016**, Alexandria, Egypt.
2. "Synthesis of new derivatives xanthen-1-one and fluoreno-oxonine-tetraones" by **Antar A, Abdelhamid**, the 2nd International conference Chemical, pharmaceutical Science & Applications 8-11 Aug **2017**, Sharm El-Sheikh, Egypt.

3. 13th international conference chemistry and its role in development, Mansoura and Sharm El-Sheikh, Egypt 20-24 March **2017** (13th ICCRD-2017) **Antar A. Abdelhamid**.
4. "Synthesis and X-ray analysis of some xanthenone derivatives using Trisma as catalysis" 13th Ibn Sina conference chemistry on Pure and Applied Heterocyclic Chemistry (13th Ibn Sina),14-17 February **2015**, Herghada, Egypt.
5. In the Organizing Committee of "13th Ibn Sina conference chemistry on Pure and Applied Heterocyclic Chemistry (13th Ibn Sina)",14-17 February **2015**, Herghada, Egypt.
6. MICROWAVE IRRADIATION ASSISTED SYNTHESIS OF 1,8-DIOXOOCTAHYDROXANTHENE DERIVATIVES. Maharramov A.M. , **Abdelhamid A.A.**, Khalilov A.N., Allahverdiyev M.A. , Mohamed S.K. // XIX MENDELEEV CONGRESS ON GENERAL AND APPLIED CHEMISTRY, *Volgograd, Russia, (**2011**) vol. 1 p. 534.*
7. ONE-POT SYNTHESIS OF ACRIDINE DERIVATIVES ASSISTED BY MICROWAVE IRRADIATION VIA THREE-COMPONENT CONDENSATION REACTIONS. A.M.Maharramov, **Antar A.Abdelhamid**, A.N.Khalilov, F.N.Nagiyev, M.A.Allahverdiyev. 2nd international conference in organic chemistry "*advanced in heterocyclic chemistry Tbilisi (**2011**)*"
8. Facile and Efficient Synthesis of Acridinediones from Primary Amino Alcohols via Three-component Condensation Reactions Assisted by Microwave Irradiation. **A.A. Abdelhamid**, S. K. Mohamed, A. Maharramov, A. Khalilov, M. Allahverdiev. // 2011 International

Conference on Environment and BioScience – ICEBS 2011 *(Round II) Cairo, Egypt, (**2011**) p. 187- 193.*

9. ONE-POT SYNTHESIS OF ACRIDINE DERIVATIVES ASSISTED BY MICROWAVE IRRADIATION VIA THREE-COMPONENT CONDENSATION REACTIONS, A. M. Maharramov, **A.A. Abdelhamid**, A.N. Khalilov, F.N. Nagiyev, M.A.Allahverdiyev. //2nd International Conference on Organic Chemistry: "Advances in Heterocyclic Chemistry". *Tbilisi, Georgia, pp. 11, p. 86, (**2011**).*

10. Acridine and Acridinons. A. M. Maharramov, M.A.Allahverdiyev, A. V. Gurbanov, A.N. Khalilov, **A.A. Abdelhamid**, F.N. Nagiyev.// Material's II international conference on ''urgent problems of biochemical *theories'' (November 25-27, (**2011**) 1, 110-113.*

List of publications:

1. Adel A. Marzouk, Ahmed M. Abu-Dief, **Antar A. Abdelhamid**, Hydrothermal preparation and characterization of $ZnFe_2O_4$ magnetic nanoparticles as an efficient heterogeneous catalyst for the synthesis of multi-substituted imidazoles and study of their anti-inflammatory activity, *Appl. Organometal. Chem.*, in press (**2017**).

2. Amer A. Amer and **Antar A. Abdelhamid,** Microwave-Assisted, One-Pot Multicomponent Synthesis of Some New Cyanopyridines, *J. Heterocyclic Chem., 00,00 (2017).*, DOI 10.1002/jhet.2926.

3. HMA El-Lateef, AH Tantawy, **AA Abdelhamid**, Novel Quaternary Ammonium-Based Cationic Surfactants: Synthesis, Surface Activity and Evaluation as Corrosion Inhibitors for C1018 Carbon Steel in Acidic Chloride Solution, Journal of Surfactants and Detergents 20 (3), 735-753 (**2017**).

4. **AA Abdelhamid**, OA Abd Allah, AHA Tamam, An Efficient One-Pot Three-Component Synthesisof Some New Polyhydroquinolines via Enaminone Intermediates, Journal of Heterocyclic Chemistry (**2017**).

5. AA Marzouk, **AA Abdelhamid**, SK Mohamed, J Simpson, Morpholinium hydrogen sulfate (MHS)ionic liquid as an efficient catalyst for the synthesis of bio-active multi-substituted imidazoles (MSI) under solvent-free conditions, Zeitschrift für Naturforschung B 72 (1), 23-33 (**2017**).

6. Mai M. Khalaf, **Antar A. Abdelhamid**, Sol–gel Derived Mixed Oxide Zirconia: Titania GreenHeterogeneous Catalysts and Their Performance in Acridine Derivatives Synthesis, Catal Lett 146:645–655 (**2016**).

7. Omyma A Abd-Allah, **Antar A Abdelhamid** and Shaaban K Mohamed Synthesis and Anti-inflammatory Study of Novel N-substituted Hydro-acridine-1,8-diones and Bis-hexahydroacridine-1,8-dione Derivatives, , *Med chem**2015**, S:2*.

8. Adel A. Marzouk, **Antar A. Abdelhamid**, Shaaban K. Mohamed and Jim Simpson Morpholinium hydrogen sulfate (MHS) ionic liquid as an efficient catalyst for the synthesis of bioactive multisubstituted imidazoles (MSI) under solvent-free conditions, , *Z. Naturforsch. **2016**; aop*, DOI 10.1515/znb-2016-0121.

9. Shaaban K. Mohamed, Jim Simpson, Adel A. Marzouk, Avtandil H. Talybov, **Antar A. Abdelhamid**, Yusif A. Abdullayev and Vagif M. Abbasov, Multicomponent green synthesis, spectroscopic and structural investigation of multi-substituted imidazoles. Part 1, *Z. Naturforsch.* **2015***; 70(11)b: 809–817*

10. Sabry H. H. Younes, Shaaban K. Mohamed, **Antar A. Abdelhamid** and A. -B. A. G. Ghattas. Studies on Organo-phosphorus Compounds Part II: Synthesis and biological activities of some new benzochromeno[2,3-d][1,3,2]thiazaphosphinine derivatives. Int. J. Pharm. Sci. Rev. Res., 23(2), **2013**; 15, 81-88.

11.. J Simpson, SK Mohamed, AA Marzouk, **AA Abdelhamid**, MR Albayati, Crystal structure of 1-[2-(4-nitrophenyl)-4, 5-diphenyl-1H-imidazol-1-yl] propan-2-ol. Acta Crystallographica Section E: Crystallographic Communications 73 (9) 1398-1401 (**2017**)**.**

12. SK Mohamed, AA Marzouk, MR Albayati, **AA Abdelhamid**, J Simpson. Crystal structure of 1-[2-(4-chlorophenyl)-4, 5-diphenyl-1H-imidazol-1-yl] propan-2-ol, Acta Crystallographica Section E: Crystallographic Communications 73 (1), 59-62 (2017).

13. JT Mague, M Akkurt, SK Mohamed, **Antar A Abdelhamid**, MR Albayati**,** Cyclohexane-1, 4-diammonium dithiocyanate, IUCrData 1 (6), x160864 (2016).

14. Shaaban K Mohamed, Mehmet Akkurt, Jerry P Jasinski, **Antar A Abdelhamid**, Asmaa H Tamam, Mustafa R Albayati. Crystal structure of ethyl 2-[9-(5-bromo-2-hydroxyphenyl)-1, 8-dioxo-1, 2, 3, 4, 5, 6, 7, 8, 9, 10-decahydroacridin-10-yl] acetate, Acta Crystallographica Section E: Crystallographic Communications 71, 12, 2015.

15. JT Mague, SK Mohamed, M Akkurt, **Antar A Abdelhamid**, MR Albayati, Crystal structure of 5-(4-methylphenyl)-3-[(E)-2-(4-methylphenyl) ethenyl] cyclohex-2-en-1-one, Acta Crystallographica Section E: Crystallographic Communications 71 ,6, 2015.

16.15. Shaaban K Mohamed, Joel T Mague, Mehmet Akkurt, **Antar A Abdelhamid**, Mustafa R AlbayatiCrystal structure of 1-{3-acetyl-2-(4-chlorophenyl)-6-hydroxy-4-[(2-hydroxypropyl) amino]-6-methylcyclohex-3-en-1-yl} ethanone, Acta Crystallographica Section E: Crystallographic Communications 71(5) o369-o370, 2015.

17.M. Akkurt, S. K. Mohamed, K. Singh, A. A. Marzouk and **Antar A. Abdelhamid**, 2-(2,6-Dichlorophenyl)-1-pentyl-4,5-diphenyl-1H-imidazole, Acta Cryst. (2013). E69, o846-o847.

18.R. Kennedy, M. Akkurt, **Antar A. Abdelhamid**, S. K. Mohamed and G. J. Miller, 1-{(E)-[(2-Fluoro-5-

nitrophenyl)imino]methyl}naphthalen-2-ol, Acta Cryst. (2013). E69, o850-o851.

19. R. Kennedy, M. Akkurt, S. K. Mohamed, **Antar A. Abdelhamid** and A. A. E. Marzouk, 14-Bromo-12-chloro-2,16-dioxapentacyclo[7.7.5.$0^{1,21}$.$0^{3,8}$.$0^{10,15}$]henicosa-3(8),10,12,14-tetraene-7,20-dione, *Acta Cryst. (2013). E69, o769-o770*.

20. S. K. Mohamed, M. Akkurt, **Antar A. Abdelhamid**, A. Saeed and U. Flörke, 9-(2-Hydroxy-6-oxocyclohex-1-en-1-yl)-2,3,4,9-tetrahydro-1H-xanthen-1-one, *Acta Cryst. (2013). E69, o616-o617*.

21. M. Akkurt, J. T. Mague, S. K. Mohamed, **Antar A. Abelhamid** and M. R. Albayati, ***N'***-[(***E***)-4-Methoxybenzylidene]-2-(5-methoxy-2-methyl-1***H***-indol-3-yl)acetohydrazide, *Acta Cryst. (2013). E69, o1660-o1661*.

22. S. K. Mohamed, M. Akkurt, **Antar A. Abd Elhamid**, K. Singh and H. Potgieter (6***Z***)-4-Bromo-6-{[(2-hydroxyethyl)amino]methylidene}cyclohexa-2,4-dien-1-one, *Acta Cryst. (2012). E68, o1020.*

23. M. Akkurt, F. R. Fronczek, S. K. Mohamed, A. H. Talybov, A. A. E. Marzouk and **Antar A. Abdelhamid**, 4-(1-Allyl-4,5-diphenyl-*1**H***-imidazol-2-yl)-***N***,***N***-dimethylaniline, *Acta Cryst. (2013). E69, o527-o528.*

24. P. N. Horton, M. Akkurt, S. K. Mohamed, **Antar A. Abdelhamid** and A. A. Marzouk, 1-{(***Z***)-[3-(1-Hydroxyethyl)anilino]methylidene}naphthalen-2(1***H***)-one, *Acta Cryst. (2013). E69, o106.*

25. M. Akkurt, S. K. Mohamed, A. R. Kennedy, **A. A. Abdelhamid**, G. J. Miller and M. R. Albayati. 12-(2-Hydroxy-6-oxocyclohex-1-enyl)-9,10-dihydro-8*H*-benzo[*a*]xanthen-11(12*H*)-one, *Acta Cryst.* (2013). **E69**, o1558-o1559.

26. S. K. Mohamed, M. Akkurt, A. A. Marzouk, **A. A. Abdelhamid** and F. Santoyo-Gonzalez Prop-2-en-1-yl 4-(4,5-diphenyl-1*H*-imidazol-2-yl)benzoate, *Acta Cryst. (**2013**). E69, o1105-o1106.*

27. M. Akkurt, S. K. Mohamed, A. A. Marzouk, **A. A. Abdelhamid** and F. Santoyo-Gonzalez, 2-(2,5-Dimethoxyphenyl)-4,5-diphenyl-1-(prop-2-en-1-yl)-*1H*-imidazole, *Acta Cryst. (**2013**). E69, o1098-o1099.*

28. M. Akkurt, S. K. Mohamed, K. Singh, A. A. Marzouk and **A. A. Abdelhamid**, 2-(2,6-Dichlorophenyl)-1-pentyl-4,5-diphenyl-*1H*-imidazole, *Acta Cryst. (**2013**). E69, o846-o847.*

29. A. R. Kennedy, M. Akkurt, **A. A. Abdelhamid**, S. K. Mohamed and G. J. Miller, 1-{(*E*)-[(2-Fluoro-5-nitrophenyl)imino]methyl}naphthalen-2-ol, *Acta Cryst. (**2013**). E69, o850-o851.*

30. A. R. Kennedy, M. Akkurt, S. K. Mohamed, **A. A. Abdelhamid** and A. A. E. Marzouk, 14-Bromo-12-chloro-2,16-dioxapentacyclo[7.7.5.$0^{1,21}$.$0^{3,8}$.$0^{10,15}$]henicosa-3(8),10,12,14-tetraene-7,20-dione, *Acta Cryst. (**2013**). E69, o769-o770.*

31. S. K. Mohamed, M. Akkurt, **A. A. Abdelhamid**, A. Saeed and U. Flörke, 9-(2-Hydroxy-6-oxocyclohex-1-en-1-yl)-2,3,4,9-tetrahydro-1H-xanthen-1-one, *Acta Cryst. (**2013**). E69, o616-o617.*

32. M. Akkurt, J. T. Mague, S. K. Mohamed, **A. A. Abelhamid** and M. R. Albayati, *N*'-[(*E*)-4-Methoxybenzylidene]-2-(5-methoxy-2-methyl-1*H*-indol-3-yl)acetohydrazide, *Acta Cryst. (**2013**). E69, o1660-o1661.*

33. M. Akkurt, F. R. Fronczek, S. K. Mohamed, A. H. Talybov, A. A. E. Marzouk and **A. A. Abdelhamid**, 4-(1-Allyl-4,5-diphenyl-*1H*-imidazol-2-yl)-*N*,*N*-dimethylaniline, *Acta Cryst. (**2013**). E69, o527-o528.*

34. P. N. Horton, M. Akkurt, S. K. Mohamed, **A. A. Abdelhamid** and A. A. Marzouk, 1-{(*Z*)-[3-(1-Hydroxyethyl)anilino]methylidene}naphthalen-2(1*H*)-one, *Acta Cryst. (**2013**). E69, o106.*

35. M. Akkurt, P. N. Horton, S. K. Mohamed, **A. A. Abdelhamid** and M. A. A. E. Remaily, 1-{(*Z*)-[(2,3-

Dihydroxypropyl)amino]methylidene}naphthalen-2(1*H*)-one, *Acta Cryst. (**2013**). E69, o136-o137.*

36. S. K. Mohamed, M. Akkurt, P. N. Horton, **A. A. Abdelhamid** and A. A. Marzouk, 4-Bromo-2-[(*E*)-(2-fluoro-5-nitrophenyl)iminomethyl]phenol, *Acta Cryst. (**2013**). E69, o107.*

37. M. Akkurt, A. R. Kennedy, S. H. H. Younes, S. K. Mohamed and **A. A. Abdelhamid** 4-Phenyl-1*H*-1,5-benzodiazepin-2(3*H*)-one, *Acta Cryst. (**2012**). E68, o3356.*

38. M. Akkurt, A. R. Kennedy, S. K. Mohamed, **A. A. Abdelhamid** and G. J. Miller, 4-Bromo-2-[(*E*)-{[4-nitro-2-(trifluoromethyl)phenyl]imino}methyl]phenol, *Acta Cryst. (**2012**). E68, o3168.*

39. S. K. Mohamed, G. A. Bogdanovic, M. Akkurt, **A. A. Abdelhamid** and S. H. H. Younes, 2-[(Phenylcarbamoyl)amino]butyl *N*-phenylcarbamate, *Acta Cryst. (**2012**). E68, o2905*.

40. S. K. Mohamed, G. A. Bogdanovic, **A. A. Abdelhamid**, S. B. Novakovic and H. Potgeiter, 4-[(2*E*)-2-(2-Hydroxybenzylidene)hydrazin-1-yl]benzonitrile, *Acta Cryst. (**2012**). E68, o2886-o2887.*

41. M. Akkurt, S. K. Mohamed, K. Singh, A. A. Marzouk and **A. A. Abdelhamid**, Prop-2-en-1-yl 4-(4,5-diphenyl-1H-imidazol-2-yl)benzoate, *Acta Cryst. (**2013**). E69, o1105-o1106.*

42. M. Akkurt, S. K. Mohamed, K. Singh, A. A. Marzouk and **A. A. Abdelhamid**, 2-(2,6-Dichlorophenyl)-1-pentyl-4,5-diphenyl-1H-imidazole, *Acta Cryst. (**2013**). E69, o846-o84.*

43. J. Simpson, S. K. Mohamed, A. A. Marzouk, A. H. Talybov and **A. A. Abdelhamid**, 2-(4-Methoxyphenyl)-1-pentyl-4,5-diphenyl-1H-imidazole, *Acta Cryst. (**2013**). E69, o5-o6.*

44. S. K. Mohamed, M. Akkurt, P. N. Horton, **A. A. Abdelhamid** and M. A. A. E. Remaily, 9-(3-Bromo-5-chloro-2-hydroxyphenyl)-10-(2-

hydroxyethyl)-1,2,3,4,5,6,7,8,9,10-decahydroacridine-1,8-dione, *Acta Cryst. (**2013**). E69, o85-o86*

45. S. K. Mohamed, M. Akkurt, F. R. Fronczek, M. A. A. El-Remaily and **A. A. Abdelhamid**, 5-Amino-3-anilino-1H-pyrazole-4-carbonitrile, Acta Cryst. (2012). E68, o2784, *Acta Cryst. (**2012**). E68, o2782-o2783.*

46. S. K. Mohamed, M. Akkurt, F. R. Fronczek, M. A. A. El-Remaily and **A. A. Abdelhamid,** 2-Anilino-5,7-dimethylpyrazolo[1,5-a]pyrimidine-3-carbonitrile, *Acta Cryst. (**2012**). E68, o2784.*

47. S. K. Mohamed, **A. A. Abdelhamid,** S. H. H. Younes, M. A. A. Elremaily and J. Simpson, (Z)-3-(2-Hydroxyethyl)-2-(phenylimino)-1,3-thiazolidin-4-one, *Acta Cryst. (**2012**). E68, o2371-o2372.*

48. S. K. Mohamed, P. N. Horton, M. Akkurt, M. R. Albayati and **A. A. Abdelhamid**, (E)-N'-(5-Bromo-2-hydroxybenzylidene)-2-(4-isobutylphenyl)propanohydrazide, *Acta Cryst. (**2012**). E68, o2364-o2365.*

49. S. K. Mohamed, M. A. Farrukh, M. Akkurt, M. R. Albayati and **A. A. Abdelhamid**, 2-(1,3-Dioxoisoindolin-2-yl)acetic acid-N'-[(E)-2-methoxybenzylidene]pyridine-4-carbohydrazide (1/1), *Acta Cryst. (**2012**). E68, o2442.*

50. S. K. Mohamed, M. Akkurt, M. N. Tahir, **A. A. Abdelhamid** and M. R. Albayati, 2-Amino-4-(4-methylphenyl)-5-oxo-5,6,7,8-tetrahydro-4H-chromene-3-carbonitrile, *Acta Cryst. (**2012**). E68, o2315-o2316.*

51. S. K. Mohamed, M. Akkurt, **A. A. Abdelhamid**, K. Singh and M. A. A. El-Remaily, 2-Ethoxy-4-(4-methylphenyl)-6-phenylpyridine-3-carbonitrile, *Acta Cryst. (**2012**). E68, o2495-o2496.*

52. S. K. Mohamed, M. Akkurt, M. N. Tahir, **A. A. Abdelhamid** and M. A. Allahverdiyev, 2-Amino-4-(4-methoxyphenyl)-7,7-dimethyl-5-oxo-5,6,7,8-tetrahydro-4H-chromene-3-carbonitrile propan-2-one monosolvate, *Acta Cryst. (**2012**). E68, o2206-o2207.*

53. S. K. Mohamed, M. Akkurt, **A. A. Abdelhamid**, K. Singh and O. A. A. A. Allah, 5-(4-Methylphenyl)-3-phenylcyclohex-2-en-1-one, *Acta Cryst. (**2012**). E68, o2157.*

54. S. K. Mohamed, P. N. Horton, M. Akkurt, M. R. Albayati and **A. A. Abdelhamid**, N'-[(E)-4-(Dimethylamino)benzylidene]-2-(5-methoxy-2-methyl-1H-indol-3-yl)acetohydrazide, *Acta Cryst. (**2012**). E68, o2099.*

55. S. K. Mohamed, M. Akkurt, M. N. Tahir, **A. A. Abdelhamid** and S. H. H. Younes, 2-Amino-4-(4-methoxyphenyl)-5-oxo-5,6,7,8-tetrahydro-4H-chromene-3-carbonitrile 1,4-dioxane hemisolvate, *Acta Cryst. (**2012**). E68, o2178-o2179.*

56. S. K. Mohamed, M. Akkurt, M. N. Tahir, **A. A. Abdelhamid** and M. R. Albayati, 2-Amino-4-(4-chlorophenyl)-7,7-dimethyl-5-oxo-5,6,7,8-tetrahydro-4H-chromene-3-carbonitrile propan-2-one monosolvate, *Acta Cryst. (**2012**). E68, o1965-o1966.*

57. S. K. Mohamed, M. Akkurt, M. N. Tahir and **A. A. Abdelhamid**, 2,2'-[(E,E)-cis-(Cyclohexane-1,4-diyl)bis(nitrilomethanylylidene)]diphenol, *Acta Cryst. (**2012**). E68, o1905.*

58. S. K. Mohamed, M. Akkurt, **A. A. Abdelhamid**, P. E. Fanwick and H. Potgeiter, 7-Bromo-9-(2-hydroxy-4,4-dimethyl-6-oxocyclohex-1-en-1-yl)-3,3-dimethyl-2,3,4,9-tetrahydro-1H-xanthen-1-one, *Acta Cryst. (**2012**). E68, o1710.*

59. S. K. Mohamed, M. Akkurt, M. N. Tahir, **A. A. Abdelhamid** and A. N. Khalilov,2-Anilino-3-(2-hydroxypropyl)-4-methyl-1,3-thiazol-3-ium chloride, *Acta Cryst. (**2012**). E68, o1881-o1882.*

60. S. K. Mohamed, **A. A. Abdelhamid**, M. Akkurt, P. E. Fanwick and A. M. Maharramov, 2-((E)-{[4-(Hydroxymethyl)phenyl]imino}methyl)phenol, *Acta Cryst. (**2012**). E68, o1618.*

61. S. K. Mohamed, M. Akkurt, **A. A. Abdelhamid**, K. Singh and M. A. Allahverdiyev, 2-Amino-4-(4-chlorophenyl)-5-oxo-5,6,7,8-

tetrahydro-4H-chromene-3-carbonitrile, *Acta Cryst.* ***(2012)****. E68, o1414-o1415*.

62. **A. A. Abdelhamid**, S. K. Mohamed, M. Akkurt, K. Singh and H. Potgieter, 1-(2-Hydroxyethyl)-3-phenylthiourea, *Acta Cryst.* ***(2012)****. E68, o1162*.

63. **Antar A. Abdelhamid**, S. K. Mohamed, A. N. Khalilov, A. V. Gurbanov & S. W. Ng (2011). 10-(2-Hydroxyethyl)-9-(2-hydroxyphenyl)-3,3,6,6-tetramethyl-1,2,3,4,5,6,7,8,9,10-decahydroacridine-1,8-dione, *Acta Cryst.****(2011)*** *E67, o744.*

64. **Antar A. Abdelhamid**, S. K. Mohamed, A. N. Khalilov, A. V. Gurbanov & S. W. Ng (**2011**). (E)-Ethyl 2-cyano-3-(2,4-dimethoxyphenyl)prop-2-enoate. *Acta Cryst. E67, o2830.*

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