

Dr Alan Tan Sang-Loon

Position: Research Fellow
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Education:

Ph.D., Universiti Putra Malaysia, Malaysia

Bachelor of Science (Hons), Universiti Putra Malaysia, Malaysia

Brief Employment History:

Universiti Putra Malaysia: Postdoctoral Research Assistant

Research Interests:

Developed fond interest in chiral chemistry, structural solution through single crystal X-ray diffraction, quantitative structure-activity relationship study and computational modelling through quantum chemical approach.

Selected Publications:

1. Yeo, C.I., Tan, S.L. and Tiekink, E.R.T. A Monoclinic Polymorph of [(Z)-N-(3-Chlorophenyl)-O-Methylthiocarbamato- κ S](Trisphenylphosphane- κ P)Gold(I): Crystal Structure and Hirshfeld Surface Analysis, *Acta Crystallographica Section E*, Wiley-Blackwell, E72, 8, 1068-1073, 2016.
2. Tahir, M.I.M., Tan, S.L., Crouse, K.A. and Rosli, R. Synthesis, Characterization, *In Vitro* Cytotoxicity and Structure-Activity Relationship of Chiral Schiff Bases Derived from S-substituted Dithiocarbazates and Their Metal Complexes. 28th Regional Symposium of Malaysian Analytical Sciences (SKAM28), Ipoh, Perak, p42, 2015.
3. Tahir, M.I.M., Tan, S.L., Crouse, K.A. and Rosli, R. Theoretical Insight into the Synthesis and Anticancer Activity of Some Transition Metal Complexes Containing Schiff Bases Derived from S-benzylthiocarbamate and Enantiomeric Camphorquinone. 28th Regional Symposium of Malaysian Analytical Sciences (SKAM28), Ipoh, Perak, p46, 2015.

4. Alshaheri, A.A., Tan, S.L., Abdul Rahman, M.B. and Tahir, M.I.M. Oxidation of Cyclohexane Catalyzed by Metal Complexes Containing Schiff Base Derived from S-benzylthiocarbamate. Fundamental Science Congress 2015 (FSC2015), UPM Serdang, Selangor, p44, 2015.
5. Tan, S.L., Tahir, M.I.M., Crouse, K.A. and Rosli, R. Metal Complexes Containing Optically Active Schiff Bases and Their Cytotoxicity Against Breast Cancer Cell Lines. 41st International Conference on Coordination Chemistry (ICCC41), Singapore, p435, 2014.
6. Tahir, M.I.M., Tan, S.L., Crouse, K.A., Rosli, R. and Watkin, D.J. Metal Complexes Containing Optically Active Schiff Bases and Their Cytotoxicity Against Breast Cancer Cell Lines. 40th International Conference on Coordination Chemistry (ICCC40), Valencia, Spain, p347, 2012.
7. Tan, S.L., Tahir, M.I.M., Crouse, K.A. and Rosli, R. Enantiomeric Schiff Bases Derived from S-substituted Dithiocarbamate: A Theoretical Insight of Structure-Activity Relationship. 16th Malaysian Chemical Congress (MCC16), Kuala Lumpur, p102, 2010.
8. Tan, S.L., Crouse, K.A., Tahir, M.I.M., and Rosli, R. Theoretical Insight into the Structure-Activity Relationship of Enantiomeric Schiff Bases Derived from S-substituted Dithiocarbamate. 93rd Canadian Chemistry Conference and Exhibition (CSC2010), Toronto, Canada, p1147, 2010.