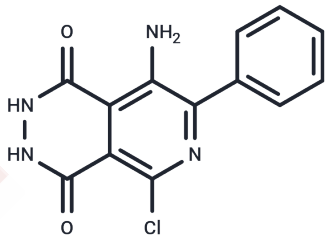
Data Sheet (Cat.No.T32432)

TargetMol

L 012

Chemical Properties



CAS No. : 143323-55-1

Formula: C13H9ClN4O2

Molecular Weight: 288.69

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	L 012 is a bioactive chemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4639 mL	17.3196 mL	34.6392 mL
5 mM	0.6928 mL	3.4639 mL	6.9278 mL
10 mM	0.3464 mL	1.732 mL	3.4639 mL
50 mM	0.0693 mL	0.3464 mL	0.6928 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Minguet G, Franck T, Joris J, Serteyn D. Sevoflurane modulates the release of reactive oxygen species, myeloperoxidase, and elastase in human whole blood: Effects of different stimuli on neutrophil response to volatile anesthetic in vitro. Int J Immunopathol Pharmacol. 2017 Dec;30(4):362-370. doi: 10.1177/0394632017739530. Epub 2017 Oct 31. PubMed PMID: 29087224; PubMed Central PMCID: PMC5806810.

Jehle J, Müller CFH, Aksoy A, Zimmer S, Nickenig G, Tiyerili V. Genetic disruption of multidrug resistance-associated protein 1 improves endothelial function and attenuates atherosclerosis in MRP1(-/-) LDLr(-/-) double knockout mice. Arch Med Sci. 2017 Jun;13(4):930-936. doi: 10.5114/aoms.2017.68239. Epub 2017 Jun 12. PubMed PMID: 28721160; PubMed Central PMCID: PMC5510514.

Fan N, Silverman SM, Liu Y, Wang X, Kim BJ, Tang L, Clark AF, Liu X, Pang IH. Rapid repeatable in vivo detection of retinal reactive oxygen species. Exp Eye Res. 2017 Aug;161:71-81. doi: 10.1016/j.exer.2017.06.004. Epub 2017 Jun 8. PubMed PMID: 28603016; PubMed Central PMCID: PMC5554724.

Albert M, Fürst U. Quantitative Detection of Oxidative Burst upon Activation of Plant Receptor Kinases. Methods Mol Biol. 2017;1621:69-76. doi: 10.1007/978-1-4939-7063-6_7. PubMed PMID: 28567644.