Data Sheet (Cat.No.T23756)

AS6

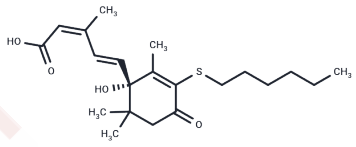
Chemical Properties

CAS No. : 1609660-14-1

Formula: C21H32O4S

Molecular Weight: 380.54

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	AS6 is an ABA-induced PYL-PP2C interaction antagonist in a dose-dependent manner.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6278 mL	13.1392 mL	26.2784 mL
5 mM	0.5256 mL	2.6278 mL	5.2557 mL
10 mM	0.2628 mL	1.3139 mL	2.6278 mL
50 mM	0.0526 mL	0.2628 mL	0.5256 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

Takeuchi J, Mimura N, Okamoto M, Yajima S, Sue M, Akiyama T, Monda K, Iba K, Ohnishi T, Todoroki Y. Structure-Based Chemical Design of Abscisic Acid Antagonists That Block PYL-PP2C Receptor Interactions. ACS Chem Biol. 2018 May 18;13(5):1313-1321. doi: 10.1021/acschembio.8b00105. Epub 2018 Apr 11. PubMed PMID: 29620349.
Heinl S, Timoshkin AY, Müller J, Scheer M. Unexpected differences in the reactivity between the phosphorus and arsenic derivatives [(Cp(BIG)Fe)(2)(μ,η(4:4)-E(4))] (E = P and As). Chem Commun (Camb). 2018 Feb 27;54(18):2244-2247. doi: 10.1039/c7cc09730a. PubMed PMID: 29431771.
Subhash Y, Lee SS. Roseomonas suffusca sp. nov., isolated from lagoon sediments. Int J Syst Evol Microbiol. 2017 Jul;67(7):2390-2396. doi: 10.1099/ijsem.0.001966. Epub 2017 Jul 17. PubMed PMID: 28714843.
Chander S, Pandey RK, Penta A, Choudhary BS, Sharma M, Malik R, Prajapati VK, Murugesan S. Molecular Docking and Molecular Dynamics Simulation Based Approach to Explore the Dual Inhibitor Against HIV-1 Reverse Transcriptase and Integrase. Comb Chem High Throughput Screen. 2017;20(8):734-746. doi: 10.2174/1386207320666170615104703. PubMed PMID: 28641512.