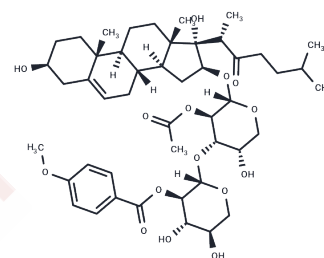


OSW-1

Chemical Properties

CAS No. : 145075-81-6
 Formula: C₄₇H₆₈O₁₅
 Molecular Weight: 873.05
 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	OSW-1 is a natural broad-range inhibitor to inhibits replication of enterovirus.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1454 mL	5.727 mL	11.4541 mL
5 mM	0.2291 mL	1.1454 mL	2.2908 mL
10 mM	0.1145 mL	0.5727 mL	1.1454 mL
50 mM	0.0229 mL	0.1145 mL	0.2291 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

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- Mesmin B, Bigay J, Polidori J, Jamecna D, Lacas-Gervais S, Antonny B. Sterol transfer, PI4P consumption, and control of membrane lipid order by endogenous OSBP. *EMBO J*. 2017 Nov 2;36(21):3156-3174. doi: 10.15252/embj.201796687. Epub 2017 Oct 4. PubMed PMID: 28978670; PubMed Central PMCID: PMC5666618.
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- Zhang Y, Fang F, Fan K, Zhang Y, Zhang J, Guo H, Yu P, Ma J. Effective cytotoxic activity of OSW-1 on colon cancer by inducing apoptosis in vitro and in vivo. *Oncol Rep*. 2017 Jun;37(6):3509-3519. doi: 10.3892/or.2017.5582. Epub 2017 Apr 19. PubMed PMID: 28440433.

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