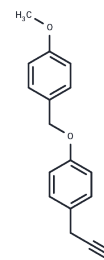


O411

Chemical Properties

CAS No. : 175135-47-4
 Formula: C₁₆H₁₅NO₂
 Molecular Weight: 253.3
 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	O411 is an effective Oct3/4 inducer.
Targets(IC50)	OCT
In vitro	O411 enhances Oct3/4 gene expression by approximately 2.5- and 4-fold at 10 μM and 20 μM, respectively, increases Oct3/4 protein levels, and promotes Oct3/4 mediated transcriptional activation. [1]

Solubility Information

Solubility	DMSO: 13 mg/mL (51.32 mM),Sonication is recommended. Ethanol: 1 mg/mL (3.95 mM),Sonication is recommended. H2O: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9479 mL	19.7394 mL	39.4789 mL
5 mM	0.7896 mL	3.9479 mL	7.8958 mL
10 mM	0.3948 mL	1.9739 mL	3.9479 mL
50 mM	0.079 mL	0.3948 mL	0.7896 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

Cheng X, et al. J Med Chem. 2015, 58(12), 4976-4983.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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