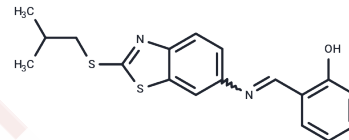


BIR1

Chemical Properties

CAS No. : 76383-13-6
 Formula: C₁₈H₁₈N₂O₂S
 Molecular Weight: 342.48
 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	BIR1 is a balloon inducing reagent, which triggers a spontaneous self-organization process, leading to the formation of 3-D balloon like structure during hESC differentiation.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9199 mL	14.5994 mL	29.1988 mL
5 mM	0.584 mL	2.9199 mL	5.8398 mL
10 mM	0.292 mL	1.4599 mL	2.9199 mL
50 mM	0.0584 mL	0.292 mL	0.584 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

Geng Y, Feng B. A small molecule-based strategy for endothelial differentiation and three-dimensional morphogenesis from human embryonic stem cells. *Heliyon*. 2016;2(7):e00133. doi:10.1016/j.heliyon.2016.e00133.

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