

ASK1-IN-4

Chemical Properties

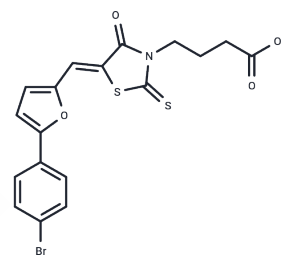
CAS No. : 1427538-26-8

Formula: C₁₈H₁₄BrNO₄S₂

Molecular Weight: 452.34

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	ASK1-IN-4 is an ASK1 inhibitor, IC ₅₀ = 0.2 μM.
Targets(IC ₅₀)	Apoptosis,ASK,MAPK

Solubility Information

Solubility	DMSO: 10 mg/mL (22.11 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2107 mL	11.0536 mL	22.1073 mL
5 mM	0.4421 mL	2.2107 mL	4.4215 mL
10 mM	0.2211 mL	1.1054 mL	2.2107 mL
50 mM	0.0442 mL	0.2211 mL	0.4421 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

Volynets GP, et al. Rational design of apoptosis signal-regulating kinase 1 inhibitors: discovering novel structural scaffold. Eur J Med Chem. 2013 Mar;61:104-15.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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