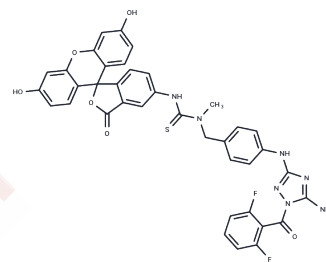


JAK2 JH2 Tracer

Chemical Properties

CAS No. :	2101955-00-2
Formula:	C ₃₈ H ₂₇ F ₂ N ₇ O ₆ S
Molecular Weight:	747.73
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	JAK2 JH2 Tracer is a fluorescent probe for the JAK2 JH2 domain (Kd: 0.2 μM).
Targets(IC50)	Others,JAK

Solubility Information

Solubility	DMSO: 83.3 mg/mL (111.4 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	1.3374 mL	6.6869 mL	13.3738 mL
5 mM	0.2675 mL	1.3374 mL	2.6748 mL
10 mM	0.1337 mL	0.6687 mL	1.3374 mL
50 mM	0.0267 mL	0.1337 mL	0.2675 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

Newton AS, et al. JAK2 JH2 Fluorescence Polarization Assay and Crystal Structures for Complexes with Three Small Molecules. ACS Med Chem Lett. 2017 May 17;8(6):614-617.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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