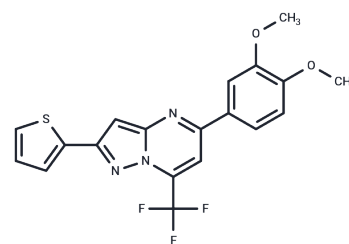


FUBP1-IN-1

Chemical Properties

CAS No. : 883003-62-1
 Formula: C₁₉H₁₄F₃N₃O₂S
 Molecular Weight: 405.39
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	FUBP1 - in-1, with an IC ₅₀ value of 11.0 M, is an effective FUSE binding protein 1 (FUBP1) inhibitor that can interfere with the binding of FUBP1 to its SINGLE-strand target DNA FUSE sequence.
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: 16.67 mg/mL (41.12 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	2.4668 mL	12.3338 mL	24.6676 mL
5 mM	0.4934 mL	2.4668 mL	4.9335 mL
10 mM	0.2467 mL	1.2334 mL	2.4668 mL
50 mM	0.0493 mL	0.2467 mL	0.4934 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.

Reference

Hauck S, et al. Pyrazolo[1,5a]pyrimidines as a new class of FUSE binding protein 1 (FUBP1) inhibitors. Bioorg Med Chem. 2016 Nov 15;24(22):5717-5729.

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