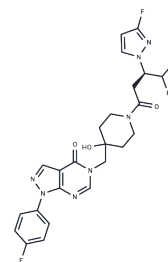


(R)-FT671

Chemical Properties

CAS No. : 1959551-27-9
 Formula: C₂₄H₂₃F₄N₇O₃
 Molecular Weight: 533.48
 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	(R)-FT671 is the R-isomer of FT671, a potent, non-covalent, and selective inhibitor of USP7 with an IC ₅₀ of 52 nM.
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: 150 mg/mL (281.17 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	1.8745 mL	9.3724 mL	18.7448 mL
5 mM	0.3749 mL	1.8745 mL	3.749 mL
10 mM	0.1874 mL	0.9372 mL	1.8745 mL
50 mM	0.0375 mL	0.1874 mL	0.3749 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

Turnbull AP, et al. Molecular basis of USP7 inhibition by selective small-molecule inhibitors. Nature. 2017 Oct 26; 550(7677):481-486.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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