

KT-531

Chemical Properties

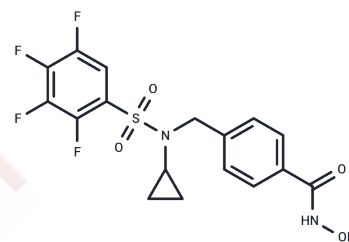
CAS No. : 2490284-18-7

Formula: C₁₇H₁₄F₄N₂O₄S

Molecular Weight: 418.36

Appearance:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	KT-531 (KT531) is a highly potent and selective HDAC6 inhibitor with an IC ₅₀ value of 8.5 nM and is 39-fold more selective against other HDAC isoenzymes.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3903 mL	11.9514 mL	23.9029 mL
5 mM	0.4781 mL	2.3903 mL	4.7806 mL
10 mM	0.239 mL	1.1951 mL	2.3903 mL
50 mM	0.0478 mL	0.239 mL	0.4781 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

Toutah K, et al. J Med Chem. 2021 Jun 24;64(12):8486-8509.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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