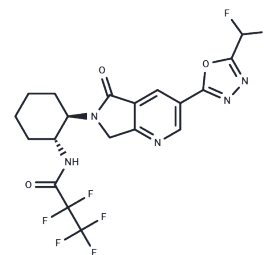


T-518

Chemical Properties

CAS No. : 2276680-91-0
 Formula: C₁₉H₁₆F₇N₅O₃
 Molecular Weight: 495.35
 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	T-518, an orally active and selective HDAC6 inhibitor with an IC ₅₀ value of 36 nM for human HDAC6, can permeate the blood-brain barrier and is applicable in tauopathy research [1].
Targets(IC ₅₀)	HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0188 mL	10.0939 mL	20.1877 mL
5 mM	0.4038 mL	2.0188 mL	4.0375 mL
10 mM	0.2019 mL	1.0094 mL	2.0188 mL
50 mM	0.0404 mL	0.2019 mL	0.4038 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481