

LRRK2-IN-6

Chemical Properties

CAS No. :

Formula: C₂₃H₂₄F₂N₄O₂S

Molecular Weight: 458.52

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	LRRK2-IN-6 (compound 22) is an orally active, selective leucine-rich repeat protein kinase 2 (LRRK2) inhibitor with blood-brain barrier permeability, inhibiting GS LRRK2 (IC ₅₀ : 4.6 μM) and WT LRRK2 (IC ₅₀ : 49 μM). LRRK2-IN-6 exhibited inhibitory effects on the autophosphorylation of LRRK2 at Ser1292 and Ser925.
Targets(IC ₅₀)	Others,LRRK2

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1809 mL	10.9046 mL	21.8093 mL
5 mM	0.4362 mL	2.1809 mL	4.3619 mL
10 mM	0.2181 mL	1.0905 mL	2.1809 mL
50 mM	0.0436 mL	0.2181 mL	0.4362 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