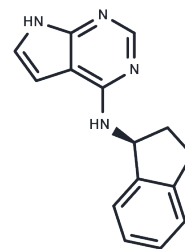


SRI-31255

Chemical Properties

CAS No. : 905580-86-1
 Formula: C₁₅H₁₄N₄
 Molecular Weight: 250.30
 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	SRI-31255 is an orally active LRRK2 inhibitor, with IC ₅₀ values of 520 nM for human wild-type (WT) and 427 nM for the G2019S mutant. It inhibits kinase activity by binding to the ATP-binding pocket of LRRK2, providing neuroprotective effects. SRI-31255 serves as a lead compound for developing LRRK2-targeted therapies for Parkinson's disease research.
Targets(IC ₅₀)	LRRK2

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9952 mL	19.976 mL	39.9521 mL
5 mM	0.799 mL	3.9952 mL	7.9904 mL
10 mM	0.3995 mL	1.9976 mL	3.9952 mL
50 mM	0.0799 mL	0.3995 mL	0.799 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

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