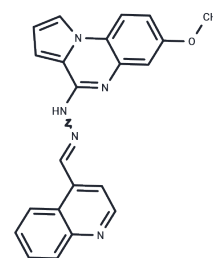


PrPSc-IN-1

Chemical Properties

CAS No. : 1315475-30-9
 Formula: C₂₂H₁₇N₅O
 Molecular Weight: 367.40
 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	PrPSc-IN-1 is a fluorescent probe that binds to the misfolded protein PrPSc, inhibits its accumulation with an IC ₅₀ of 1.6 μM, and exhibits anti-prion activity.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7218 mL	13.6091 mL	27.2183 mL
5 mM	0.5444 mL	2.7218 mL	5.4437 mL
10 mM	0.2722 mL	1.3609 mL	2.7218 mL
50 mM	0.0544 mL	0.2722 mL	0.5444 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

Zaccagnini L, et al. Identification of novel fluorescent probes preventing PrPSc replication in prion diseases. Eur J Med Chem. 2017 Feb 15;127:859-873.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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