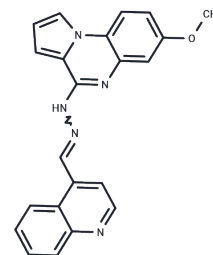


PrPSc-IN-1

Chemical Properties

CAS No. : 1315475-30-9
Formula: C₂₂H₁₇N₅O
Molecular Weight: 367.412
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	PrPSc-IN-1 is a fluorescent probe, binds to the misfolded protein PrPSc, inhibits its accumulation (IC ₅₀ of 1.6 μM), with anti-prion activity.
Targets (IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7218 mL	13.6088 mL	27.2175 mL
5 mM	0.5444 mL	2.7218 mL	5.4435 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.

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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