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**Product Data Sheet**

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Product Name: PrPSc-IN-1

Cat. No.: GC37019

**Chemical Properties**

Cas. No. 1315475-30-9

SMILES COC1=CC=C(N2C(C(N/N=C/C3=C(C=CC=C4)C4=NC=C3)=N5)=CC=C2)C5=C1Formula  $C_{22}H_{17}N_5O$  M.Wt 367.4

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with Condition RT, or blue ice upon request.

Structure **Background**

PrPSc-IN-1 is a fluorescent probe, binds to the misfolded protein PrPSc, inhibits its accumulation, with an IC<sub>50</sub> of 1.6 μM. Anti-prion activity[1]. IC<sub>50</sub>:1.6 μM (PrPSc)[1]

[1]. 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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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