

## MeS-IMPY

## Chemical Properties

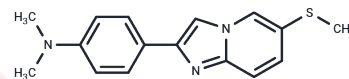
CAS No. : 955376-42-8

Formula: C<sub>16</sub>H<sub>17</sub>N<sub>3</sub>S

Molecular Weight: 283.39

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	[ <sup>11</sup> C]MeS-IMPY exhibits a higher binding affinity for $\beta$ -amyloid plaques extracted from Alzheimer's disease (AD) brains or AD brain homogenates than IMPY, with $K_i$ values of 7.93 nM and 8.95 nM, respectively. [ <sup>11</sup> C]MeS-IMPY is a potential radioactive ligand for positron emission tomography (PET) imaging of $\beta$ -amyloid plaques.
Targets(IC50)	Acyltransferase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5287 mL	17.6435 mL	35.2871 mL
5 mM	0.7057 mL	3.5287 mL	7.0574 mL
10 mM	0.3529 mL	1.7644 mL	3.5287 mL
50 mM	0.0706 mL	0.3529 mL	0.7057 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