# Data Sheet (Cat.No.T80928)

TargetMol

## TSPO ligand-3

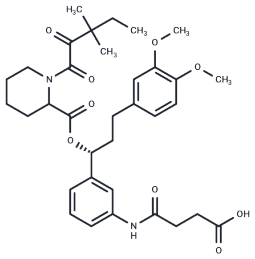
### Chemical Properties

CAS No. : 2241669-89-4

Formula: C34H44N2O9

Molecular Weight: 624.72

Storage: Keep away from direct sunlight
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 | TSPO ligand-3, functioning as an AUTAC2 ligand, incorporates both a p-fluorobenzylguanine (FBnG) and a synthetic ligand of FKBP (SLF) moiety, leading to the substantial inhibition of FKBP12 in HeLa cells [1]. |
| Targets(IC50) | AUTACs |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|---|---|---|---|
| 1 mM | 1.6007 mL | 8.0036 mL | 16.0072 mL |
| 5 mM | 0.3201 mL | 1.6007 mL | 3.2014 mL |
| 10 mM | 0.1601 mL | 0.8004 mL | 1.6007 mL |
| 50 mM | 0.032 mL | 0.1601 mL | 0.3201 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.

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