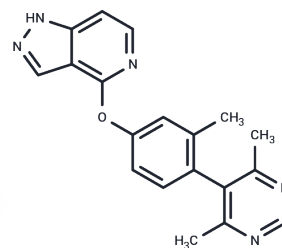


PF2562

Chemical Properties

CAS No. : 1609258-91-4
 Formula: C₁₉H₁₇N₅O
 Molecular Weight: 331.37
 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 | PF2562 is a dopamine D1 ligand. It is used as a dopamine D1 agonist or partial agonist. PF2562 binds to human D1 receptor (K _i : 113 nM). PF2562 shows activity against human D1 cAMP (EC ₅₀ : 568 nM in HTRF assay). |
| Targets(IC50) | Dopamine Receptor |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.0178 mL | 15.0889 mL | 30.1777 mL |
| 5 mM | 0.6036 mL | 3.0178 mL | 6.0355 mL |
| 10 mM | 0.3018 mL | 1.5089 mL | 3.0178 mL |
| 50 mM | 0.0604 mL | 0.3018 mL | 0.6036 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

Jennifer Elizabeth Davoren, et al. Heteroaromatic compounds and their use as dopamine d1 ligands. US20140128374A1.

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