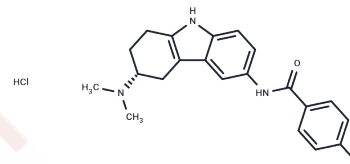


LY 344864

Chemical Properties

CAS No. : 186544-26-3
 Formula: C₂₁H₂₂FN₃O
 Molecular Weight: 351.42
 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 | LY 344864, a specific receptor agonist, is an affinity of 6 nM (K _i) at the recently cloned 5-HT _{1F} receptor. |
| Targets(IC ₅₀) | 5-HT Receptor, Adrenergic Receptor |

Solubility Information

| | |
|---------------------|---|
| Solubility | DMSO: >10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
| In vivo Formulation | 10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (5.69 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i> |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 2.8456 mL | 14.228 mL | 28.456 mL |
| 5 mM | 0.5691 mL | 2.8456 mL | 5.6912 mL |
| 10 mM | 0.2846 mL | 1.4228 mL | 2.8456 mL |
| 50 mM | 0.0569 mL | 0.2846 mL | 0.5691 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

Phebus LA, et al. Life Sci. 1997;61(21):2117-26.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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