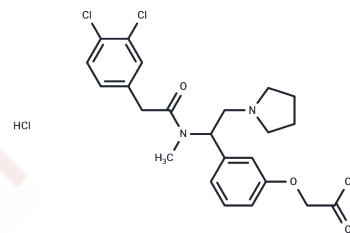


ICI 204,448

Chemical Properties

CAS No. : 121264-04-8
 Formula: C₂₃H₂₇Cl₃N₂O₄
 Molecular Weight: 501.83
 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 | ICI 204,448 is a potent κ -opioid agonist with potential analgesic activity for the study of neurological diseases. |
| Targets(IC50) | Opioid Receptor |

Solubility Information

| | |
|------------|--|
| Solubility | DMSO: 80 mg/mL (159.42 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.9927 mL | 9.9635 mL | 19.9271 mL |
| 5 mM | 0.3985 mL | 1.9927 mL | 3.9854 mL |
| 10 mM | 0.1993 mL | 0.9964 mL | 1.9927 mL |
| 50 mM | 0.0399 mL | 0.1993 mL | 0.3985 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

J S Shaw, et, al. ICI 204448: a kappa-opioid agonist with limited access to the CNS. Br J Pharmacol. 1989, 96, 4.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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