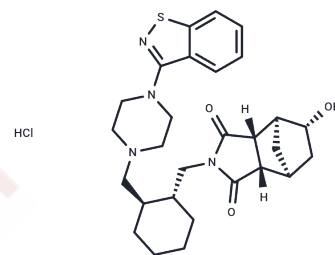


Lurasidone Metabolite 14283 hydrochloride

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 186204-32-0 |
| Formula: | C ₂₈ H ₃₇ ClN ₄ O ₃ S |
| Molecular Weight: | 545.14 |
| 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 | Lurasidone Metabolite 14283 hydrochloride is a major active metabolite of Lurasidone. |
| Targets(IC50) | Others, Drug Metabolite |

Solubility Information

| | |
|------------|---|
| Solubility | Ethanol: 100 mg/mL (183.44 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.8344 mL | 9.172 mL | 18.3439 mL |
| 5 mM | 0.3669 mL | 1.8344 mL | 3.6688 mL |
| 10 mM | 0.1834 mL | 0.9172 mL | 1.8344 mL |
| 50 mM | 0.0367 mL | 0.1834 mL | 0.3669 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

Sanford M, et al. Lurasidone : in the treatment of schizophrenia. CNS Drugs. 2013 Jan;27(1):67-80.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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