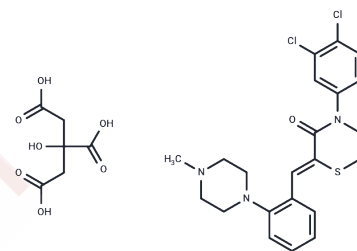


Elzasonan citrate

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 361343-20-6 |
| Formula: | C ₂₈ H ₃₁ Cl ₂ N ₃ O ₈ S |
| Molecular Weight: | 640.53 |
| 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 | Elzasonan Citrate is a selective 5-HT _{1B} and 5-HT _{1D} receptor antagonist for the treatment of depression. |
| Targets(IC ₅₀) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.5612 mL | 7.806 mL | 15.6121 mL |
| 5 mM | 0.3122 mL | 1.5612 mL | 3.1224 mL |
| 10 mM | 0.1561 mL | 0.7806 mL | 1.5612 mL |
| 50 mM | 0.0312 mL | 0.1561 mL | 0.3122 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

Kamel A, Colizza K, Obach RS. In vitro metabolism of the 5-hydroxytryptamine_{1B} receptor antagonist elzasonan. *Xenobiotica*. 2013 Apr;43(4):368-78. doi: 10.3109/00498254.2012.723150. Epub 2012 Oct 3. PubMed PMID: 23030680.

Kamel A, Obach RS, Colizza K, Wang W, O'Connell TN, Coelho RV Jr, Kelley RM, Schildknecht K. Metabolism, pharmacokinetics, and excretion of the 5-hydroxytryptamine_{1b} receptor antagonist elzasonan in humans. *Drug Metab Dispos*. 2010 Nov;38(11):1984-99. doi: 10.1124/dmd.110.034595. Epub 2010 Jul 28. PubMed PMID: 20668248.

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