
Product Data Sheet

Product Name: Pirenperone

Cat. No.: GC25756

Chemical Properties

Cas. No. 75444-65-4

Formula C₂₃H₂₄N₃O₂

M.Wt 393.45

Solubility DMSO: 17 mg/mL (43.21 mM);Water: Insoluble;Ethanol: 26 mg/mL (66.08 mM) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Pirenperone (R-47456, R-50656), a quinazoline derivative, is a selective antagonist of SR-2A (5-HT₂ serotonin receptor) when employed in low doses. Pirenperone behaves like a typical neuroleptic when used in higher doses (greater than 0.1 mg/kg).

[1] L Pawłowski, et al. Pol J Pharmacol Pharm. Mar-Apr 1985;37(2):179-96.

Caution: Product has not been fully validated for medical applications. For research use only.

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