
Product Data Sheet

Product Name: CP-409092

Cat. No.: GC31052

Chemical Properties

Cas. No. 194098-25-4

SMILES O=C(C1=CNC2=C1C(CCC2)=O)NC3=CC=C(CNC)C=C3Formula $C_{17}H_{19}N_3O_2$ M.Wt 297.35

Solubility DMSO: 41.67 mg/mL (140.14 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**

CP-409092 is a GABA(A) partial agonist, used for the treatment of anxiety.

The pharmacokinetics of CP-409,092 following single intravenous and oral doses of 4 and 15 mg/kg, respectively, are characterized by high clearance of 169+ or -18 mL/min/kg, a volume of distribution of 8.99+ or -1.46 L/kg, and an oral bioavailability of 2.9%+ or -3%. Following oral administration of 100 mg/kg [14C]CP-409,092, the total recovery is 89.1%+ or -3.2% for male rats and 89.3%+ or -0.58% for female rats[1].

[1]. Kamel A, et al. Metabolism, pharmacokinetics and excretion of the GABA(A) receptor partial agonist [(14)C]CP-409,092 in rats. *Xenobiotica*. 2010 Jun;40(6):400-14.

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

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