

Product Data Sheet

Product Name: KFM19
Cat. No.: GC31264

Chemical Properties

Cas. No. 133058-72-7

SMILES O=C(N1CCC)N(CCC)C2=C(N=C(C3CC(CC3)=O)N2)C1=O

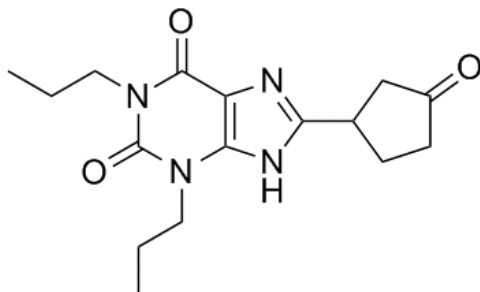
Formula $C_{16}H_{22}N_4O_3$ M.Wt 318.37

Solubility DMSO : 100 mg/mL (314.10 mM; Need ultrasonic) 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

KFM19 is a potent, selective Adenosine receptor (A1-receptor) antagonist, with an IC₅₀ of 50 nM.

[1]. W.D. Bechtel, et al. KFM 19 antagonizes the adenosine-induced inhibition of electrically evoked acetylcholine release. Eur Neuropsychopharmacol. Sep. 1993, 3(3), Page 433

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

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