

Product Data Sheet

Product Name: SKF 81297

Cat. No.: GC70530

Chemical Properties

Cas. No. 71636-61-8

Formula $C_{16}H_{16}ClNO_2$

M.Wt 289.76

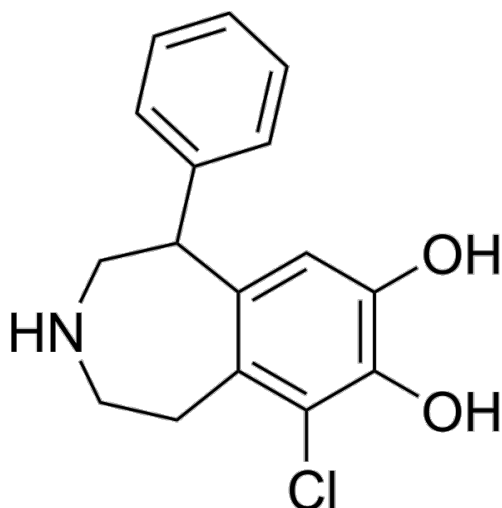
Solubility

Storage 4°C, sealed storage, away from moisture and light

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

SKF 81297 is a potent and selective dopamine D1 receptor agonist.

SKF 81297 (0.05-0.3 mg/kg, i.m., once) stimulates motor behaviour of MPTP-lesioned monkeys [1].

References:

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

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- [1]. Vermeulen RJ, et al. The selective dopamine D1 receptor agonist, SKF 81297, stimulates motor behaviour of MPTP-lesioned monkeys. Eur J Pharmacol. 1993 Apr 22;235(1):143-7.
- [2]. Auger ML, et al. Amelioration of cognitive impairments induced by GABA hypofunction in the male rat prefrontal cortex by direct and indirect dopamine D1 agonists SKF-81297 and d-Govadine. Neuropharmacology. 2020 Jan 1;162:107844.

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