
Product Data Sheet

Product Name: Duoperone

Cat. No.: GC31031

Chemical Properties

Cas. No. 62030-88-0

SMILES O=C(C1=CC=C(F)C=C1)C2CCN(CCCN3C4=C(C=CC=C4)SC5=CC=C(C(F)(F)F)C=C35)CC2Formula C₂₈H₂₆F₄N₂OS M.Wt 514.58

Solubility Soluble in DMSO 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**

Duoperone is a neuroleptic agent and also a antiemetic agent in animal models.

Duoperone blocks d-amphetamine lethality in mice under aggregated conditions when the pretreatment interval is between one hour and seven days. ABR-6646 produces catalepsy in rats. The onset of this effect is delayed and the duration is prolonged when compared with that of chlorpromazine. Apomorphine-induced pivoting in mice with unilateral lesions of the caudate nucleus is suppressed by ARR-6646[1].

[1]. Johnson DN, et al. AHR-6646: a new, long-acting neuroleptic. Prog Neuropsychopharmacol. 1979;3(5-6):513-20.

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

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