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**Product Data Sheet**

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Product Name:  $\alpha$ 1 adrenoceptor-MO-1

Cat. No.: GC31237

**Chemical Properties**

Cas. No. 161905-64-2

SMILES O=C1N(CCCN2[C@@H](C)CN(C3=CC=CC(Cl)=C3)CC2)N=C4C=CC=CN41Formula  $C_{20}H_{24}ClN_5O$  M.Wt 385.89Solubility Soluble in DMSO Storage Store at  $-20^{\circ}C$ 

General tips For obtaining a higher solubility, please warm the tube at  $37^{\circ}C$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^{\circ}C$  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**

$\alpha$ 1 adrenoceptor-MO-1, an S enantiomer, has affinity at alpha 1 adrenergic receptor, shows alphalytic activity, and possesses analgesic action; more active than R enantiomer.

$\alpha$ 1 adrenoceptor-MO-1 (the S enantiomer) and R enantiomer are more active than the corresponding racemates, but  $\alpha$ 1 adrenoceptor-MO-1 is more active than R enantiomer[1].

[1]. Pharmacologically active enantiomers. WO 1995001354 A1

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

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