

Product Data Sheet

Product Name: Sigma-1 receptor antagonist 2

Cat. No.: GC38039

Chemical Properties

Cas. No. 1639220-15-7

SMILES CC1=NC(C2=CC=C(OC)C=C2)=NC(OCCCN3CCCCC3)=C1Cl

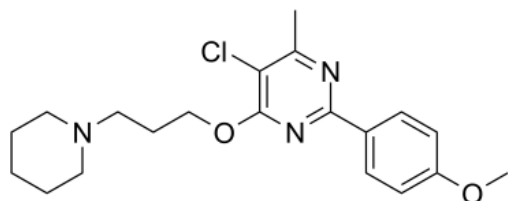
Formula $C_{20}H_{26}ClN_3O_2$ M.Wt 375.89

Solubility DMSO: 86.67 mg/mL (230.57 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

Sigma-1 receptor antagonist 2 is a potent and selective sigma 1 receptor (σ_1 R) antagonist with Kis

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

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of 3.88 and 1288 nM for σ 1 and σ 2 receptor, respectively[1].

[1]. Lan Y, et al. Synthesis and biological evaluation of novel sigma-1 receptor antagonists based on pyrimidine scaffold as agents for treating neuropathic pain. J Med Chem. 2014 Dec 26;57(24):10404-23.

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