

Product Data Sheet

Product Name: BNC375
Cat. No.: GC35538

Chemical Properties

Cas. No. 1557240-80-8

SMILES C1C1=CC=C(OC)C(NC[C@H]2C(C)(C)[C@@H]2C3=CC=C(S(N)(=O)=O)C=C3)=C1

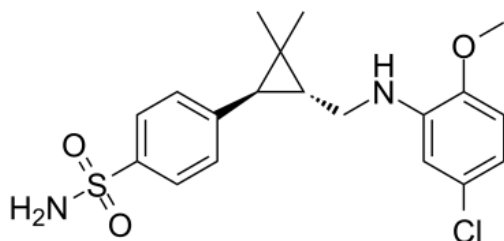
Formula $C_{19}H_{23}ClN_2O_3S$ M.Wt 394.92

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

BNC375 is a potent, selective, and orally available type I positive allosteric modulator of $\alpha 7$ nAChRs with an EC₅₀ of 1.9 μ M[1].

[1]. Andrew J. Harvey, et al. Discovery of BNC375, a Potent, Selective, and Orally Available Type I Positive Allosteric Modulator of $\alpha 7$ nAChRs. Cite This: ACS Med. Chem. Lett. 2019 10 5754-760.

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

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