
Product Data Sheet

Product Name: TC NTR1 17

Cat. No.: GC50096

Chemical Properties

Cas. No. 1146757-96-1

SMILES O=C(N[C@@H](CC(C)C)C(O)=O)C2=NN(C(C3=C(OC)C=CC=C3OC)=C2)C1=C(C=CC(Cl)=C4)C4=NC=C1

Formula C27H27ClN4O5 M.Wt 522.98

Solubility Soluble in DMSO Storage Store at -20°C

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or Condition blue ice upon request.

Structure **Background**

Non-peptide neurotensin receptor 1 (NTS1) partial agonist (EC₅₀ <15.6 nM and E_{max} = 63% of neurotensin response in Ca²⁺ mobilization assay). Exhibits over 50-fold selectivity for NTS1 over NTS2 and GPR35.

Hershberger et al (2014) Imidazole-derived agonists for the neurotensin 1 receptor.

Bioorg.Med.Chem.Lett. 24 262 PMID:24332089

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

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