
Product Data Sheet

Product Name: OT antagonist 1 demethyl derivative

Cat. No.: GC34364

Chemical Properties

Cas. No. 2763705-17-3

SMILES CC1=NOC([C@@H](N(C(C2=CC=C(C3=CC=CC=C3C)C=C2)=O)C(=O)CC4=N/O)=N1Formula $C_{21}H_{20}N_4O_3$ M.Wt 376.41

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**

OT antagonist 1 demethyl derivative is the demethyl derivative of OT antagonist 1. OT antagonist 1 (Compound 4) is a potent, selective Oxytocin antagonist with a K_i of 50 nM.

[1]. Brown A, et al. Design and optimization of potent, selective antagonists of Oxytocin. *Bioorg Med Chem Lett.* 2008 Aug 1;18(15):4278-81.

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

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