

Product Data Sheet

Product Name: Dopamine D2 receptor agonist-2

Cat. No.: GC71157

Chemical Properties

Cas. No. 1610591-93-9

Formula $C_{25}H_{31}Cl_2N_5OS$ M.Wt 520.52

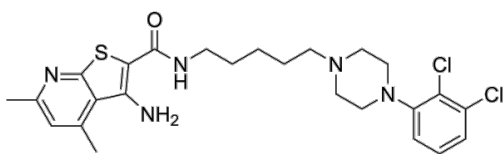
Solubility DMSO : 100 mg/mL (192.12 mM);
ultrasonic and warming and heat to
60°C; Hygroscopic DMSO has a
significant impact on the solubility of
product, please use newly opened
DMSO)

Storage

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

Dopamine D2 receptor agonist-2 (compound 36) is a potent dopamine D2 receptor biased agonism ligand with an K_i value of 11.2 nM. Dopamine D2 receptor agonist-2 can be used to research antipsychosis.

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

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References:

[1]. Szabo M, et al. Structure-activity relationships of privileged structures lead to the discovery of novel biased ligands at the dopamine D₂ receptor. J Med Chem. 2014 Jun 12;57(11):4924-39.

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