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**Product Data Sheet**

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Product Name: Glutaminyl Cyclase Inhibitor 2

Cat. No.: GC31110

**Chemical Properties**

Cas. No. 1884546-29-5

SMILES FC1=CC=C(C2=C(NCCCN3C=C(C)N=C3)C=CC=C2)C=C1Formula  $C_{19}H_{20}FN_3$  M.Wt 309.38

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 [Glutaminyl Cyclase Inhibitor 2](#)**Background**

Glutaminyl Cyclase Inhibitor 2 is a glutaminyl cyclase inhibitor with an IC<sub>50</sub> of 1.23 μM.

Glutaminyl Cyclase Inhibitor 2 is compound 28[1].

[1]. Li M, et al. Synthesis and Evaluation of Diphenyl Conjugated Imidazole Derivatives as Potential Glutaminyl Cyclase Inhibitors for Treatment of Alzheimer's Disease. J Med Chem. 2017 Aug 10;60(15):6664-6677.

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

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