

Product Data Sheet

Product Name: GPR139 agonist-2

Cat. No.: GC71095

Chemical Properties

Cas. No. 2983118-29-0

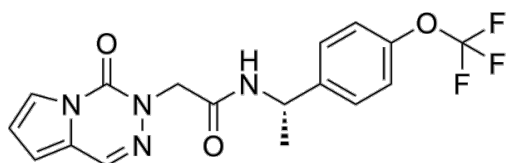
Formula $C_{17}H_{15}F_3N_4O_3$ M.Wt 380.32

Solubility Storage $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

GPR139 agonist-2 (compound 20a) is a potent GPR139 agonist with an EC_{50} of 24.7 nM. GPR139 agonist-2 rescues the social interaction deficits and alleviates cognitive deficits in murine schizophrenia models. GPR139 agonist-2 has the potential for antischizophrenia drug research.

References:

[1]. Jianhang Mao, et al. Design and Synthesis of Novel GPR139 Agonists with Therapeutic Effects in Mouse Models of Social Interaction and Cognitive Impairment. J Med Chem. 2023 Oct 26;66(20):14011-14028.

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

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