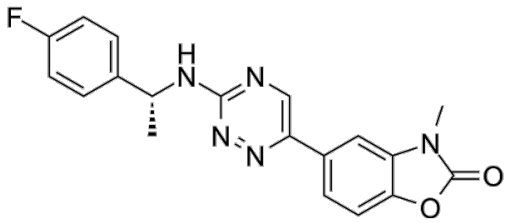
Product Data Sheet

Product Name: GPR55 agonist 4
Cat. No.: GC73616

Chemical Properties

Cas. No.	3006105-55-8		
Formula	$C_{19}H_{16}FN_5O_2$	M.Wt	365.36
Solubility	DMSO : 100 mg/mL (273.70 mM; ultrasonic and warming and heat to 60°C)	Storage	-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

GPR55 agonist 4 (Compound 28) is a GPR55 agonist (EC50: 131 nM, and 1.41 nM for hGPR55 and rGPR55). GPR55 agonist 4 induces β-arrestin recruitment to human GPR55.

References:
[1]. Hewer RC, et al. Discovery and Characterization of Novel CNS-Penetrant GPR55 Agonists. J Med Chem. 2023 Sep 28;66(18):12858-12876.

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