

AH-7614, GPR120 antagonist

Catalog	Unit
TBI1521-5MG	5 mg
TBI1521-25MG	25 mg

Product Details

Formal Name: 4-Methyl-N-9H-xanthen-9-yl-benzenesulfonamide

Molecular Formula: C₂₀H₁₇NO₃S

Formula Weight: 351.43

CAS Number: 6326-06-3

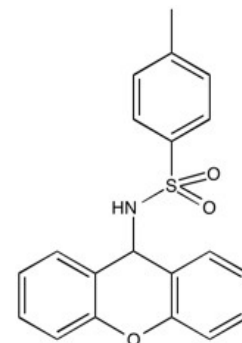
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 50 mg/ml) or in Ethanol (up to 8 mg/ml with warming).

Storage: -20°C

Stability: ≥ 2 years.



Applications

GPR120 antagonist

Functions

Selective antagonist at free fatty acid receptor 4 (FFA4), also known as GPR120. pIC₅₀s= 7.1 and <4.6 for FFA4 and FFA1 respectively. Inhibits linoleic acid and GSK137647A-induced intracellular calcium increase in U2OS osteosarcoma cells expressing GPR120. Has been used to probe the GPR120-mediated effects of fatty acids on a GnRH-synthesizing neuronal cell model.

Application Procedures

First dissolved in DMSO (up to 50 mg/ml) or in Ethanol (up to 8 mg/ml with warming), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20° for up to 1 month.

For research use only.