

BAY-1797, P2X4 antagonist (selective)

Catalog	Unit
TBI3980-5MG	5 mg
TBI3980-25MG	25 mg

Product Details

Formal Name: N-[4-(3-Chlorophenoxy)-3-sulfamoylphenyl]-2-phenylacetamide

Molecular Formula: C₂₀H₁₇ClN₂O₄S

Formula Weight: 416.90

CAS Number: 2055602-83-8

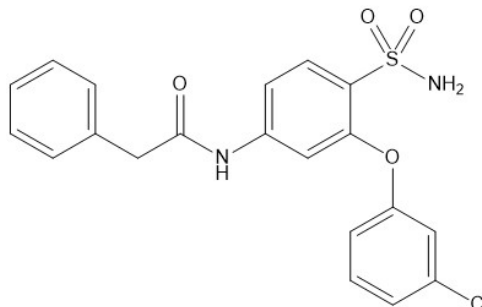
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 25 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

P2X4 antagonist (selective)

Functions

Selective P2X4 receptor antagonist (IC₅₀ = 211 nM HEK cellular assay; P2X4 calcium influx based assays – hIC₅₀ = 108 nM, mIC₅₀ = 112 nM, rIC₅₀ = 233 nM). Displays antinociceptive and anti-inflammatory effects in mouse CFA inflammatory pain models.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.