

Catalog	Unit
TBI1108-10MG	10 mg
TBI1108-50MG	50 mg

Product Details

Formal Name: 4-(3-Phenoxybenzylamino)phenylpropionic acid

Molecular Formula: C₂₂H₂₁NO₃

Formula Weight: 347.42

CAS Number: 885101-89-3

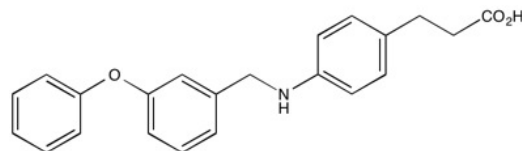
Purity: >98%

Formulation: Powder

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

Storage: RT

Stability: ≥ 1 year.



Applications

GPR40 agonist

Functions

Selective agonist at the free fatty acid receptor, FFA1/4, (GPR40 and GPR120). Displays anti-allodynic and anti-hyperalgesic effects in mouse inflammatory and neuropathic pain models. Inhibits LPA-induced proliferation of DU145 and PC-3 cells. Decreases hepatic lipid accumulation in a high fat diet steatosis mouse model. Promotes brown adipose tissue thermogenesis.

Application Procedures

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

For research use only.