

IPBT-5CA (IBC-293), GPR109B agonist

Catalog	Unit
TBI1070-10MG	10 mg
TBI1070-50MG	50 mg

Product Details

Formal Name: 1-(1-Methylethyl)-1H-benzotriazole-5-carboxylic acid

Alternate Names: IPBT-5CA

Molecular Formula: C₁₀H₁₁N₂O₂

Formula Weight: 205.22

CAS Number: 306935-41-1

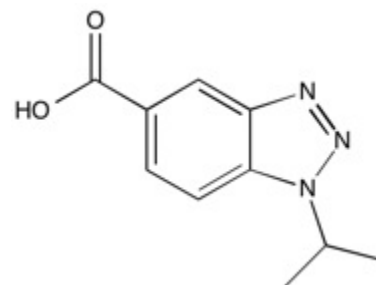
Purity: >98%

Formulation: Powder

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

Storage: RT

Stability: ≥ 2 years.



Applications

GPR109B agonist

Functions

Highly selective agonist for the human orphan G-protein-coupled receptor GPR109b (EC₅₀ = 400 nM). No activity was reported at the highly homologous high-affinity niacin receptor GPR109a.

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.