

PTP Inhibitor III, Protein tyrosine phosphatase inhibitor

Catalog	Unit
TBI1586-5MG	5 mg
TBI1586-25MG	25 mg

Product Details

Formal Name: 2-(4-(2-bromoacetyl)phenoxy)acetic acid

Molecular Formula: C₁₀H₉BrO₄

Formula Weight: 273.10

CAS Number: 29936-81-0

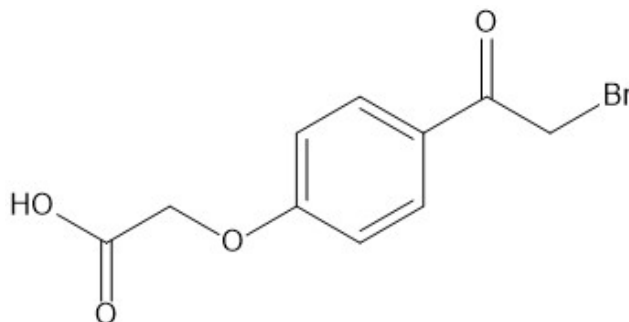
Purity: >90%

Formulation: powder

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

Storage: -20°C

Stability: ≥ 2 years.



Applications

Protein tyrosine phosphatase inhibitor

Functions

Inhibits a broad range of protein tyrosine phosphatases (PTPs). Binds covalently to the active site of the enzyme. Blocks SHP1-mediated dephosphorylation of TRPV1 in dorsal root ganglion neurons aggravating CFA-induced inflammatory pain.

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 1 week.

For research use only.