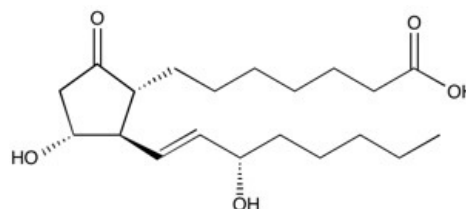


FAK inhibitor 14, FAK inhibitor

Catalog	Unit
TBI2547-10MG	10 mg
TBI2547-50MG	50 mg

Product Details

Formal Name: 1,2,4,5-Benzenetetramine tetrahydrochloride
Alternate Names: Y15
Molecular Formula: C₆H₁₀N₄ · 4HCl
Formula Weight: 284.02
CAS Number: 4506-66-5
Purity: >98%
Formulation: Powder
Solubility: Soluble in DMSO (up to 20 mg/ml) or in Water (up to 15 mg/ml).
Storage: -20°C
Stability: ≥ 2 years.



Applications

FAK inhibitor

Functions

Selective focal adhesion kinase (FAK) inhibitor that displays no significant activity at a range of other kinases including EGFR, PDGFR and IGF-RI. Prevents FAK autophosphorylation at Y397 (IC₅₀ = 1 μM), promotes cell detachment and inhibits cell adhesion in vitro. Exhibits antiproliferative activity in a variety of human tumor cell lines in vitro and in breast cancer cells in vivo. Induces regression of pancreatic tumors and glioblastoma. Displays antiangiogenic activity.

Application Procedures

First dissolved in DMSO (up to 20 mg/ml) or in Water (up to 15 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or distilled water may be stored at -20°C for up to 1 month.

For research use only.