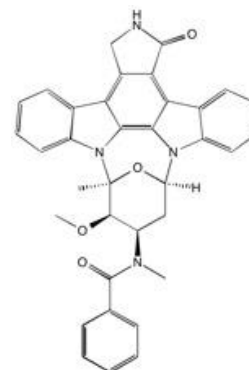


PKC-412, Protein kinase inhibitor (pan specific)

| Catalog | Unit |
|---------------|------|
| TBI1105 - 1MG | 1 mg |
| TBI1105 - 5MG | 5 mg |

Product Details

Formal Name: 4'-N-Benzoylstaurosporine
Alternate Names: Midostaurin, CGP-41251
Molecular Formula: C₃₅H₃₀N₄O₄
Formula Weight: 570.65
CAS Number: 120685-11-2
Purity: 98%
Formulation: Powder
Solubility: Soluble in DMSO (up to 15 mg/ml) or in Ethanol (up to 2 mg/ml)
Storage: RT
Stability: ≥ 2 years.



Applications

Protein kinase inhibitor (pan specific)

Functions

PKC-412 (120685-11-2) is a broad spectrum kinase inhibitor. Inhibited kinases include, but are not limited to; PKA, PKC, S6 Kinase, KDR, PKC, Akt, EGFR, VEGFR, PDGFR, c-kit, and FLT-3. Acute myeloid leukemia related mutant forms of FLT-3 are also inhibited both in vitro and in vivo. PKC-412 has been demonstrated to induce apoptosis and shows broad antiproliferative activity in various tumor cell lines. Cell Permeable.

Application Procedures

First dissolved in DMSO (15 mg/ml) or ethanol (2 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 2 months.

Relative Products

| | |
|---------|---------------------------------------|
| TBI1170 | Mitomycin C |
| TBI1345 | E64, Cysteine protease inhibitor |
| TBI1347 | E64d, Cysteine protease inhibitor |
| TBI2064 | Chromomycin A3 |
| TBI2069 | Cytochalasin B |
| TBI2794 | 5-EDU, DNA Click labeling probe |
| TBI2071 | Cytochalasin D |
| TBI1286 | Bestatin, Aminopeptidase inhibitor |
| TBI2140 | Gemcitabine |
| TBI2058 | Aphidicolin, DNA polymerase Inhibitor |

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