

Catalog	Unit
TBI1189- 1MG	1 mg
TBI1189- 5MG	5 mg

Product Details

Formal Name: N-Benzoyl-7-oxostaurosporine

Molecular Formula: C₃₅H₂₈N₄O₅

Formula Weight: 584.64

CAS Number: 154589-96-5

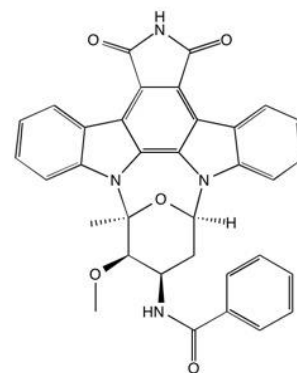
Purity: 98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 20 mg/ml). Very slightly soluble in Ethanol

Storage: -20°C

Stability: ≥ 2 years.



Applications

Primes stem cells for differentiation

Functions

Stauprimide (154589-96-5) dramatically primes embryonic stem cells for differentiation. Its molecular target is NME2, a c-Myc-activating transcription factor. Stauprimide inhibits nuclear localization of NME2 thereby downregulating c-Myc.

Application Procedures

First dissolved in DMSO (20 mg/ml) or ethanol, 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

For research use only.