

Catalog	Unit
TBI1033 - 10MG	10 mg
TBI1033 - 50MG	50 mg

Product Details

Formal Name: Anthra[1-9-cd]pyrazol-6(2H)-one

Alternate Names: 1,9-Pyrazoloanthrone

Molecular Formula: C₁₄H₈N₂O

Formula Weight: 220.23

CAS Number: 129-56-6

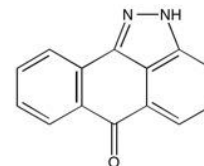
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 22 mg/ml) or in Ethanol (up to 2 mg/ml).

Storage: RT

Stability: ≥ 2 years.



Applications

JNK inhibitor

Functions

SP-600125 (129-56-6) is a selective inhibitor of c-Jun N-terminal kinase (JNK). Reversibly inhibits JNK1,2 and 3 (IC₅₀'s range from 40-90 nM). >300-fold selectivity for JNK as compared to related MAP kinases. Anti-inflammatory activity. SP-600125 inhibits expression of presenilin-1 and Notch signaling in mouse brain. Cell permeable and active in vivo.

Application Procedures

First dissolved in DMSO (up to 22 mg/ml) or in Ethanol (up to 2 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 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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