

Catalog	Unit
TBI1170 - 5MG	5 mg
TBI1170 - 25MG	25 mg

Product Details

Formal Name: 6-amino-8-[[[(aminocarbonyl)oxy]methyl]-1,1aS,2,8S,8aR,8bS-hexahydro-8a-methoxy-5-methyl-azirino[2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione.

Alternate Name: Ametycine

Fermentation: Natural fermentation product from Streptomyces sp.

Molecular Formula: C₁₅H₁₈N₄O₅.

Formula Weight: 334.33.

CAS Number: 50-07-7

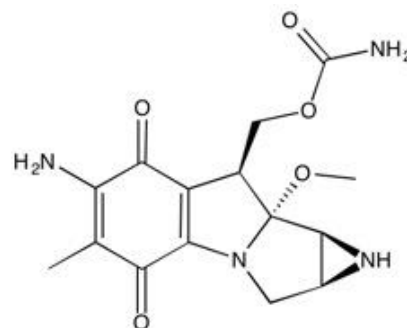
Purity: ≥98%

Formulation: Powder.

Solubility: Soluble in DMSO (up to 15 mg/ml) or in Water (up to 1 mg/ml).

Storage: -20°C.

Stability: ≥ 2 years.



Applications

DNA crosslinking and damaging agent

Proliferation

Apoptosis inducer.

DNA repair

Functions

DNA damaging and crosslinking agent. Induces apoptosis in various cell lines. Cell permeable.

Application Procedures

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

Relative Products

TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2614	ZVAD-FMK, Pan-caspase inhibitor
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI1029	Dorsomorphin, AMPK inhibitor
TBI1368	Pepstatin, Aspartic protease inhibitor
TBI1060	Imatinib, Bromodomain inhibitor
TBI1584	JQ1+, Bromodomain inhibitor
TBI2284	Calcimycin, Ca ²⁺ Ionophore

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