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DATASHEET

Actinomycin X2

Product overview

Name Actinomycin X2 Cat No HB3736 **Purity** >98%

Description Antitumor and antiviral antibiotic

Biological Data

Biological description Aniso-Actinomycin (4-Oxopro instead of Pro in the beta-chain). Antitumor and antiviral antibiotic.

Antituberculosis agent. Has higher cytotoxicity towards cultured human leukemia (HL-60) cells than actinomycin D. Apoptosis inducer. Forms a complex with DNA and blocks its biological activity.

Solubility & Handling

Storage instructions

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20°C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions

Important

Stable for ambient temperature shipping. Follow storage instructions on receipt.

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

Chemical Data

Molecular Weight Chemical structure

1269.4 18865-48-0

CAS Number PubChem identifier

SMILES

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=O)CN(C)C(=O)C7CCCN7C1=O SMBASHZPOHFQRU-ILYIJYFNSA-N

InChiKey

Orange crystals **Appearance**