Hello Bio, Inc. 304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500 F. 609-228-4994

customercare-usa@m2stage.hellobio.com



DATASHEET

Nebularine

Product overview

Name Nebularine
Cat No HB3992
Purity >98%

Description Naturally occurring nucleoside. DNA, RNA and protein synthesis inhibitor.

Biological Data

Biological description Nucleoside analog. Cytotoxic. DNA, RNA and protein synthesis inhibitor. Shows anticancer activity.

Anti-mycobacterial. Has tuberculostatic activity. Antifungal activity. Antiviral (anti-Herpes). Adenosine deaminase inhibitor. Can be used to analyze structure determinants of DNA that are recognized by DNA repair enzymes, to locate triple helices at G-C sequences or as an universal base, which can bind

to all four of the nucleosides of DNA.

Solubility & Handling

Storage instructions

+4°0

Important

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 252.2 HO OH OH 550-33-4

CAS Number
PubChem identifier

PubChem identifier

SMILES InChiKey Appearance OC[C@H]10[C@H]([C@H](O)[C@@H]10)n2cnc3cncnc23

MRWXACSTFXYYMV-UHFFFAOYSA-N

White to off-white solid