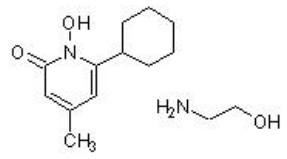


Product datasheet

Ciclopirox ethanolamine (Ciclopirox olamine), Na⁺ K⁺ ATPase substrate ab143286

Overview

Product name	Ciclopirox ethanolamine (Ciclopirox olamine), Na ⁺ K ⁺ ATPase substrate
Description	Broad spectrum antifungal agent. Na ⁺ K ⁺ ATPase substrate.
Biological description	Broad spectrum antifungal agent. Na ⁺ K ⁺ ATPase substrate. Ciclopirox (ab143203) analog. Iron chelator. Disrupts DNA repair, cell division signals and mitotic spindles. Inhibits the translation initiation factor eIF5A. Inhibits mTOR. Shows antitumor effects. Active <i>in vivo</i> .
Purity	> 98%
CAS Number	41621-49-2
Chemical structure	

Properties

Chemical name	6-Cyclohexyl-1-hydroxy-4-methylpyridin-2-one 2-aminoethanol
Molecular weight	268.35
Molecular formula	C ₁₄ H ₂₄ N ₂ O ₃
PubChem identifier	38911
Storage instructions	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 10 mM and in ethanol to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	CC1=CC(=O)N(C(=C1)C2CCCCC2)O.C(CO)N
Source	Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Response to your inquiry within 24 hours

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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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