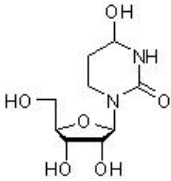


Product datasheet

Tetrahydrouridine, cytidine deaminase inhibitor
ab142080

1 Image

Overview

Product name	Tetrahydrouridine, cytidine deaminase inhibitor
Description	Competitive cytidine deaminase inhibitor
Biological description	Competitive cytidine deaminase inhibitor (IC ₅₀ = 152 μM). Modulates antiproliferative effects. Orally active.
Purity	> 80%
CAS Number	18771-50-1
Chemical structure	

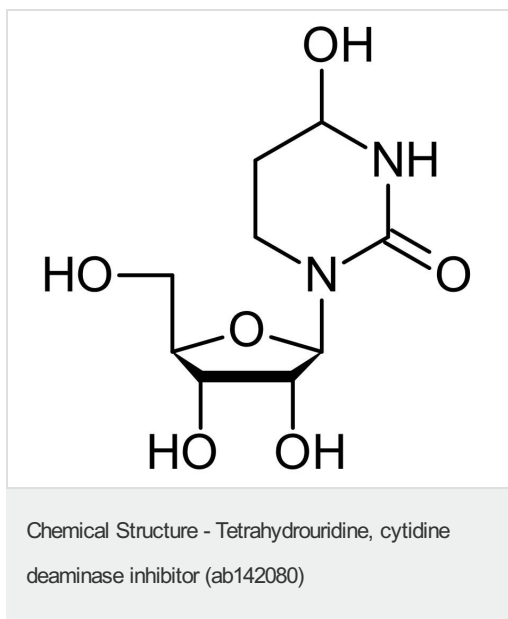
Properties

Chemical name	1-[3,4-Dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-4-hydroxy-1,3-diazinan-2-one
Molecular weight	248.23
Molecular formula	C ₉ H ₁₆ N ₂ O ₆
PubChem identifier	270480
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water 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	C1CN(C(=O)NC1O)C2C(C(C(O2)CO)O)O

Source

Synthetic

Images



2D chemical structure image of ab142080, Tetrahydrouridine, cytidine deaminase inhibitor

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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