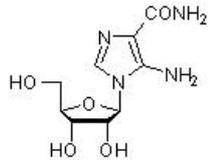


Product datasheet

AICAR (Acadesine/AICA riboside) (aqueous solution), protein kinase activator ab146594

1 Image

Overview

Product name	AICAR (Acadesine/AICA riboside) (aqueous solution), protein kinase activator
Description	Cell-permeable activator of AMP-activated protein kinase
Purity	> 98%
CAS Number	2627-69-2
Chemical structure	

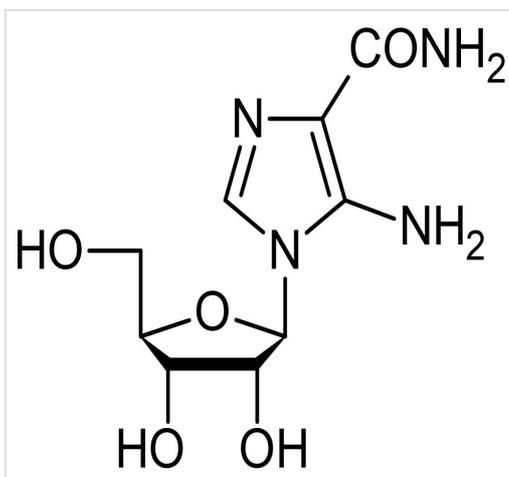
Properties

Chemical name	5-Amino-1-[(2 <i>R</i> ,3 <i>S</i> ,4 <i>R</i> ,5 <i>R</i>)-tetrahydro-3,4-dihydroxy-5-(hydroxymethyl)furan-2-yl]-1 <i>H</i> -imidazole-4-carboxamide
Molecular weight	258.23
Molecular formula	C ₉ H ₁₄ N ₄ O ₅
PubChem identifier	17513
Storage instructions	Store at -20°C. Store In the Dark. Store under desiccating conditions. This product is air and light sensitive and impurities can occur as a result of air oxidation or due to metabolism by microbes.
Solubility overview	Supplied in water (250 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>Refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	NC(=O)c2ncn([C@@H]1O[C@H](CO)[C@H](O)[C@@H]1O)c2N

Source

Synthetic

Images



2D chemical structure image of ab146594, AICAR (Acadesine/AICA riboside) (aqueous solution), protein kinase activator

Chemical Structure - AICAR (Acadesine/AICA riboside) (aqueous solution), protein kinase activator (ab146594)

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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