

AICAR (Acadesine/AICA riboside) (mM/ml), AMP-activated protein kinase activator ab146713

製品の概要

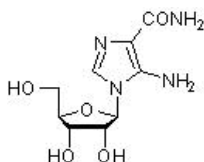
製品名	AICAR (Acadesine/AICA riboside) (mM/ml), AMP-activated protein kinase activator
製品の詳細	Cell-permeable activator of AMP-activated protein kinase. 1 ml water soluble pack.
生理活性の詳細	Cell-permeable activator of AMP-activated protein kinase. Is taken up into cells by adenosine transporters and phosphorylated by adenosine kinase to the active nucleotide ZMP (5-aminoimidazole-4-carboxamide ribonucleoside), which mimics effects of AMP on the AMPK system. Active <i>in vivo</i> and <i>in vitro</i> .

Soluble in 1 ml water to give specified mM/ml concentration. [Find out more.](#)

精製度 > 98%

CAS 番号 2627-69-2

構造式



製品の特性

体系名	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
分子量	258.23
分子式	C ₉ H ₁₄ N ₄ O ₅
PubChem 登録番号	17513
保存方法	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解性	Soluble in 1 ml water to give specified mM/ml concentration
使用に関する注意	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.

Refer to SDS for further information

Need more advice on solubility, usage and handling? Please visit our **frequently asked questions (FAQ) page** for more details.

SMILES 線形表記

NC(=O)c2ncn([C@@H]1O[C@H](CO)[C@H](O)[C@@H]1O)c2N

由来

Synthetic

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors
- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team