

## **5-Aminoimidazole-4-carboxamide-1-beta-D-ribofuranoside**

Art. ID TRC-A611700-1G  
Unit 1 g  
Deliverydetails No Dangerous Good /not restricted

### Description

Category: Carbohydrates and Derivatives, Nucleotides, Bases and Related Reagents, /// Appearance: Off-White to Pale Beige Solid /// Application Notes: AICAR is a nucleoside analogue that is able to enter nucleoside pools and is able to significantly increase levels of adenosine during periods of ATP breakdown. Adenosine-regulating agents (ARAs) have been recognized for therapeutic potential in myocardial ischemia. Cardioprotective. /// References: Mullane, K., et al.: Trends Cardiovasc Med., 3, 227 (1993), Browne, G.J., et al.: J. Biol. Chem., 279, 13, 12220 (2004)

| Text/Information | Analyte/Parameter                                              | CAS number  | Concentration/Value | Unit | Method | Source |
|------------------|----------------------------------------------------------------|-------------|---------------------|------|--------|--------|
|                  | 5-Aminoimidazole-4-carb<br>oxamide-1-beta-D-ribofu<br>ranoside | [2627-69-2] |                     |      |        |        |