

## Acadesine

Cat. No. CEI-0888

Lot. No. (See product label)

### Introduction

**Description** Acadesine results in accumulation of ZMP, which mimics the stimulating effect of AMP on AMPK and AMPK. Phase 3.

**Synonyms** AICAR, AICA-riboside

### Product Information

**CAS No.** 2627-69-2

**Molecular Formula** C<sub>9</sub>H<sub>14</sub>N<sub>4</sub>O<sub>5</sub>

**Chemical Name** 5-amino-1-((2R,3R,4S,5R)-3,4-dihydroxy-5-(hydroxymethyl)-tetrahydrofuran-2-yl)-1H-imidazole-4-carboxamide

**Molecular Weight** 258.23

**Targets** AMPK

**Solubility** DMSO 2 mg/mL; Water <1 mg/mL; Ethanol <1 mg/mL

### Storage and Shipping Information

**Storage** 2 years -20 centigrade Powder; 2 weeks 4 centigrade in DMSO; 6 months -80 centigrade in DMSO.