

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 C₉H₁₄N₄O₅

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.