

AICAR (Acadesine)

Catalog No: #S1477

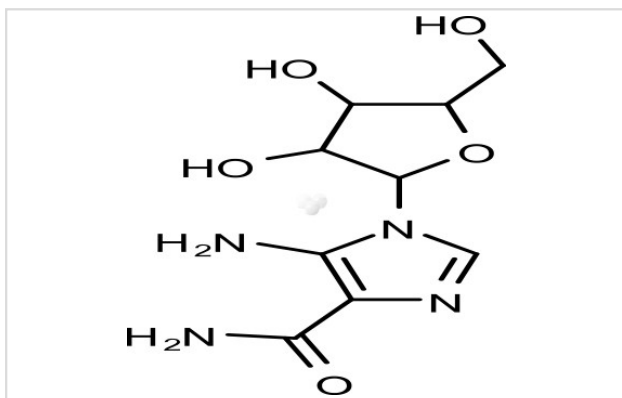
Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

| | |
|-------------------|---|
| Product Name | AICAR (Acadesine) |
| Brief Description | Inhibitors |
| Purification | 99.71% |
| Target Name | AMPK activator |
| Calculated MW | 258.24 |
| Formulation | C9H14N4O5 |
| Storage | 3 years -20°C powder; 2 years -80°C in solvent; |

Images



Product Description

Research Area: Metabolism system
 SMILES: C1=NC(=C(N1[C@H]2[C@@H]([C@@H]([C@H](O2)CO)O)N)C(=O)N
 Pathways: PI3K/Akt/mTOR signaling
 Receptor: AMPK
 Boiling pt: 726.3°C
 Melting pt: 214-215°C
 Solubility: DMSO: 51 mg/mL (197.49 mM)
 Appearance: White Crystal
 Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

References

1. Corton JM, et al. Eur J Biochem, 1995, 229(2), 558-565.

Note: This product is for in vitro research use only