

## **5-Aminoimidazole-4-carboxamide-1-beta-D-Ribofuranosyl 5'-Monophosphate Disodium Salt**

Art. ID TRC-A612585-5MG  
Unit 5 mg  
Deliverydetails No Dangerous Good

### Description

Application Notes: 5-Aminoimidazole-4-carboxamide-1-beta-D-Ribofuranosyl 5'-Monophosphate Disodium Salt is disodium salt form of 5-Aminoimidazole-4-carboxamide-1-beta-D-Ribofuranosyl 5'-Monophosphate (A611705), which causes accumulation of monophosphorylated derivative 5-aminoimidazole-4-carboxamide ribonucleoside (ZMP) and consequent phosphorylation and activation of AMP-activated protein kinase (AMPK). /// References: Corton, J., et al.: Eur. J. Biochem., 229, 558 (1995)| Towler, M., Hardie, D.: Circ. Res., 100, 328 (2007)| Narkar, V., et al.: Cell, 134, 405 (2008)|

| Text/Information | Analyte/Parameter                                                                    | CAS number  | Concentration/Value | Unit | Method | Source |
|------------------|--------------------------------------------------------------------------------------|-------------|---------------------|------|--------|--------|
|                  | 5-Aminoimidazole-4-carboxamide-1-beta-D-Ribofuranosyl 5'-Monophosphate Disodium Salt | [6884-89-5] |                     |      |        |        |