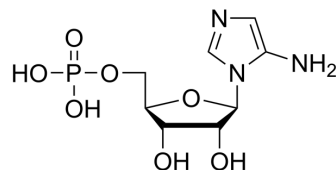


## 5-Aminoimidazole ribonucleotide

Cat. No.:	HY-133155
CAS No.:	25635-88-5
Molecular Formula:	C <sub>8</sub> H <sub>14</sub> N <sub>3</sub> O <sub>7</sub> P
Molecular Weight:	295.19
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

5-Aminoimidazole ribonucleotide (AIR) is an intermediate in the biosynthesis of purines, as AIR is further modified by additional enzymes to eventually produce inosine monophosphate (IMP), which can then be converted into the purine bases adenine (A) and guanine (G)<sup>[1]</sup>.

### REFERENCES

[1]. MetaCyc Pathway: inosine-5'-phosphate biosynthesis I

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA