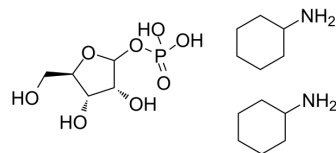


## D-Ribofuranose1-dihydrogenphosphate dicyclohexanamine

Cat. No.:	HY-134529A
CAS No.:	58459-37-3
Molecular Formula:	C <sub>17</sub> H <sub>37</sub> N <sub>2</sub> O <sub>8</sub> P
Molecular Weight:	428.46
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

D-Ribofuranose1-dihydrogenphosphate dicyclohexanamine, also known as ribose 1-phosphate, is the material for the synthesis of 5-fluorouracil (FUra) by uridine phosphorylase<sup>[1]</sup>.

### REFERENCES

[1]. Schwartz P M, et al. Role of uridine phosphorylase in the anabolism of 5-fluorouracil[J]. Biochemical pharmacology, 1985, 34(19): 3585-3589.

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

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