

Ribavirin, Antiviral agent

Catalog	Unit
TBI1281-100MG	100 mg
TBI1281-250MG	250 mg

Product Details

Formal Name: 1-(β-D-Ribofuranosyl)-1H-1,2,4-triazole-3-carboxamide

Alternate Name: NSC-163039

Molecular Formula: C₈H₁₂N₄O₅

Formula Weight: 244.21

CAS Number: 36791-04-5

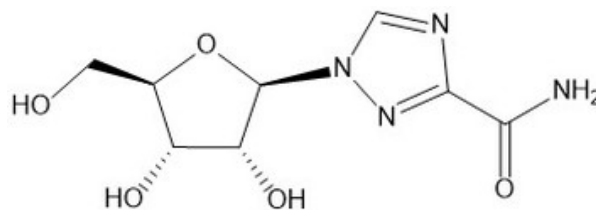
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (25 mg/ml) or in Water (25 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

Antiviral agent

Functions

Ribavirin is a clinically useful antiviral medication for Hepatitis C, viral hemorrhagic fevers and other RNA and DNA viruses. The exact mechanism of its antiviral activity is uncertain. Various proposals include inhibition of viral polymerase, RNA mutagenesis, and inosine monophosphate dehydrogenase (IMPDH) inhibition.

Application Procedures

First dissolved in DMSO (25 mg/ml) or in Water (25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or distilled water may be stored at -20°C for up to 1 month.

For research use only.