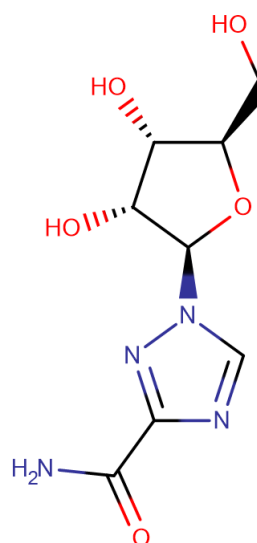


Product Name : Ribavirin
Synonyms : Copegus; NSC 163039; Rebetol; Ribasphere; Virazole
Cat No. : M14264
CAS Number : 36791-04-5
Molecular Formula : C₈H₁₂N₄O₅

Formula Weight : 244.20



Chemical Name : 1-[(2R,3R,4S,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-1,2,4-triazole-3-carboxamide

Description : Ribavirin is a nucleoside antimetabolite antiviral agent that blocks nucleic acid synthesis and is used against both RNA and DNA viruses.

Pathway : Endocrinology/Hormones

Target : AChR

Receptor : ADK; IMPDH1; RNA polymerase

Solubility : Water: 49 mg/mL (200.64 mM); DMSO: 49 mg/mL (200.64 mM)

SMILES : C1=NC(=NN1[C@H]2[C@@H]([C@@H]([C@H](O2)CO)O)O)C(=O)N

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Bougie I, Bisailon M. J Biol Chem. 2003 Dec 26;278(52):52471-8.