

Catalog	Unit
TBI4485-5MG	5 mg
TBI4485-25MG	25 mg

Product Details

Formal Name: (2R,3R,4S,5R)-2-(4-Aminopyrrolo[2,1-f][1,2,4]triazin-7-yl)-3,4-dihydroxy-5-(hydroxymethyl)tetrahydrofuran-2-carbonitrile

Molecular Formula: C₁₂H₁₃N₅O₄

Formula Weight: 291.30

CAS Number: 1191237-69-0

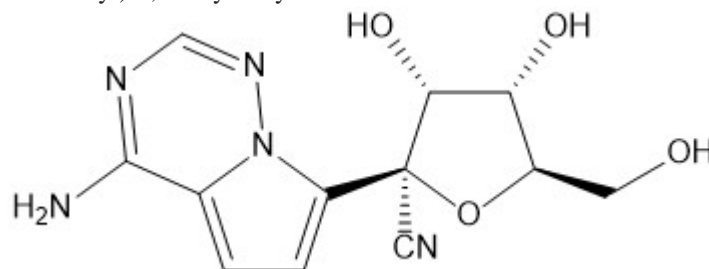
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (25 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

Remdesivir active metabolite

Functions

Developed as an antiviral, with activity against HCV, YFV, DENV-2, influenza A, parainfluenza 3, and SARS-CoV. Also shown to be effective for feline infectious peritonitis. Notably the COVID-19 drug Remdesivir is rapidly metabolized in human serum to GS-441524, which shows comparable efficacy against SARS-CoV-2 in vitro, may reach the lungs more effectively, and has a better toxicity profile.

Application Procedures

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

For research use only.