

DATA SHEET

Product Name: Remdesivir

Catalog #: CV-1102

Alt: CAS # 1809249-37-3; 2-Ethylbutyl (2S)-2-(((S)-(((2R,3S,4R,5R)-5-(4aminopyrrolo(2,1-f)(1,2,4)triazin-7-yl)-5-cyano-3,4-dihydroxytetrahydrofuran-2yl)methoxy)(phenoxy)phosphoryl)amino)propanoate; 2ethylbutyl (((2R,3S,4R,5R)-5-(4-aminopyrrolo[2,1f][1,2,4]triazin-7-yl)-5-cyano-3,4-dihydroxytetrahydrofuran-2-yl)methoxy)(phenoxy)phosphoryl)-L-alaninate; GS-5734

Molecular Mass: 602.58

Analysis: >99%

Supplied As: White to off-White crystalline powder

Resuspension: ~125 mg/ml in DMSO

Storage: -20°C. Store in the dark. Product is light sensitive. Protect from air. Store under desiccating conditions.

Description: Remdesivir is a nucleoside analogue with antiviral activity. It inhibits Middle East respiratory syndrome coronavirus (MERS-CoV)- or severe acute respiratory syndrome coronavirus (SARS-CoV) infected HAE cultures with EC₅₀ values of 74 nM and 69 nM. It inhibits murine hepatitis virus (MHV) with an EC₅₀ of 30 nM in delayed brain tumor (DBT) cells.

References: 1. Agostini, M.L., et al., (2018) mBio. 9 (2)

For research use only. Not for use in humans.