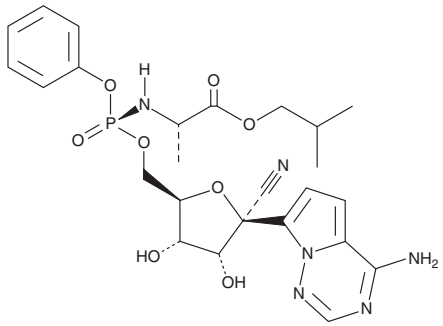
PRODUCT INFORMATION

Remdesivir methylpropyl ester analog

Item No. 9003571

Formal Name:	N-[(S)-hydroxyphenoxyphosphinyl]-L-alanine, 2-methylpropyl ester, 6-ester with 2-C-(4-aminopyrrolo[2,1-f][1,2,4] triazin-7-yl)-2,5-anhydro-D-altrononitrile
Synonym:	GS-5734 methylpropyl ester analog
MF:	$C_{25}H_{31}N_6O_8P$
FW:	574.5
Purity:	≥98%
UV/Vis.:	λ_{max}: 246 nm
Supplied as:	A crystalline solid
Storage:	-20°C
Stability:	≥2 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Remdesivir methylpropyl ester analog is supplied as a crystalline solid. A stock solution may be made by dissolving the remdesivir methylpropyl ester analog in the solvent of choice, which should be purged with an inert gas. Remdesivir methylpropyl ester analog is soluble in organic solvents such as DMSO and dimethyl formamide. The solubility of remdesivir methylpropyl ester analog in these solvents is approximately 10 mg/ml.

Remdesivir methylpropyl ester analog is sparingly soluble in aqueous buffers. For maximum solubility in aqueous buffers, remdesivir methylpropyl ester analog should first be dissolved in DMSO and then diluted with the aqueous buffer of choice. Remdesivir methylpropyl ester analog has a solubility of approximately 0.1 mg/ml in a 1:5 solution of DMSO:PBS (pH 7.2) using this method. We do not recommend storing the aqueous solution for more than one day.

Description

Remdesivir methylpropyl ester analog is a derivative of the antiviral prodrug remdesivir (Item No. 30354).

CAYMAN CHEMICAL
1180 EAST ELLSWORTH RD
ANN ARBOR, MI 48108 · USA
PHONE: [800] 364-9897
[734] 971-3335
FAX: [734] 971-3640
CUSTSERV@CAYMANCHEM.COM
WWW.**CAYMANCHEM**.COM