

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Asunaprevir, CAS [[630420-16-5]] FBM-10-4928

Article Name	Asunaprevir, CAS [[630420-16-5]]
Biozol Catalog Number	FBM-10-4928
Supplier Catalog Number	10-4928
Alternative Catalog Number	FBM-10-4928-5MG, FBM-10-4928-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	HCV NS3 protease inhibitor/CRISPR enhancer...
Molecular Weight	748.29
Purity	>98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[630420-16-5]
Formula	C35H46ClN5O9S
Application Notes	Asunaprevir is a potent hepatitis C virus NS3 protease inhibitor (IC ₅₀ = 0.2 - 3.5 nM). ¹ Asunaprevir was used as part of a repressible Cas9 system (small molecule-assisted shut off - SMASh) capable of degrading newly synthesized Cas9 protein rapidly to precisely control gene editing. ^{2,3} The Asunaprevir/SMASh system has also been using to target endogenous PD-1 protein for proteasomal degradation. ⁴