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## 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	C <sub>35</sub> H <sub>46</sub> CIN <sub>5</sub> O <sub>9</sub> S
Application Notes	Asunaprevir is a potent hepatitis C virus NS3 protease inhibitor (IC <sub>50</sub> = 0.2 - 3.5 nM). <sup>1</sup> 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. <sup>2,3</sup> The Asunaprevir/SMASH system has also been using to target endogenous PD-1 protein for proteasomal degradation. <sup>4</sup>