ATV041

PRODUCT OVERVIEW

Product Name	ATV041, Biochemical
Full Product Name	ATV041
Product Gene Name	ATV041 biochemical
Preparation and Storage	Powder: -20 degree C for 3 years | In solvent: -80 degree C for 1 year
Solubility	(< 1 mg/ml refers to the product slightly soluble or insoluble)
CAS Number	2935937-67-8
In_vitro	ATV041 (200 mg/kg; oral; single dose) distributes extensively and rapidly throughout the plasma, liver, lungs, and kidney tissues [1]. When administered orally in single doses of 10, 50, and 200 mg/kg, ATV041 inhibits viral replication in the liver and lungs in a dose-dependent manner. Additionally, ATV041 decreases the expression of inflammatory cytokines TNF-alpha, IL-1beta, IL-6, IFN-gamma, and CXCL10, leading to amelioration of tissue damage [1].
Related Product Information for ATV041 biochemical	ATV041, an orally active compound that combines features of Ibuprofen and nucleotide analogues, enhances the oral pharmacokinetic (PK) profile and tissue distribution, exhibiting anti-mouse hepatitis virus (MHV) activity. The compound demonstrates a dose-dependent reduction in viral load, tissue damage, and virus-induced inflammation.
Other Notes	Small volumes of ATV041 biochemical vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ATV041 purchase	MBS5824587 is a biochemical targeting ATV041.

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Online datasheet: https://www.mybiosource.com/biochemical/atv041/5824587