Elbasvir

Catalog No.C11219 Batch:C1121903

Product Datasheet

Technical Data

Formula	$C_{49}H_{55}N_9O_7$		
Molecular Weight	882.02	**CAS No.**	1370468-36-2
Solubility (25°C)*	In vitro	DMSO	100 mg/mL (113.37 mM)
		Ethanol	100 mg/mL (113.37 mM)
		Water	Insoluble

* <1 mg/ml means slightly soluble or insoluble.
* Please note that Capsid Bio tests the solubility of all compounds in-house, and the actual solubility may differ slightly from published values. This is normal and is due to slight batch-to-batch variations.
* Room temperature shipping (Stability testing shows this product can be shipped at 2-8°C for storage purposes.)

Preparing Stock Solutions

Concentration \ Volume / Mass	1 mg	5 mg	10 mg
1 mM	1.1338 mL	5.6688 mL	11.3376 mL
5 mM	0.2268 mL	1.1338 mL	2.2675 mL
10 mM	0.1134 mL	0.5669 mL	1.1338 mL
50 mM	0.0227 mL	0.1134 mL	0.2268 mL

Biological Activity

Description	Elbasvir (MK8742) is an **NS5A** inhibitor, preventing hepatitis C viral RNA replication and virion assembly. Median EC50 values range from 0.2 to 3600 pmol/L, based on genotype.
Targets	NS5A [1]

RETURN POLICY

Capsid Bio's Unconditional Return Policy ensures a smooth online shopping experience for our customers. If you are in any way unsatisfied with your purchase, you may return any item(s) within 7 days of receiving it. In the event of product quality issues, either protocol related or product related problems, you may return any item(s) within 365 days from the original purchase date. Please follow the instructions below when returning products.

SHIPPING & STORAGE

Capsid Bio products are transported at room temperature. If you receive the product at room temperature, please rest assured, the Capsid Bio Quality Inspection Department has conducted experiments to verify that the normal temperature placement of one month will not affect the biological activity of powder products. After collecting, please store the product according to the requirements described in the datasheet. Most Capsid Bio products are stable under the recommended conditions.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

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