KM11060

Catalog No.C12044 Batch:C1204403

Product Datasheet

Technical Data

Formula	$C_{19}H_{17}Cl_2N_3O_2S$					
Molecular Weight	422.33	**CAS No.**	774549-97-2			
Solubility (25°C)*	In vitro	DMSO	84 mg/mL (198.89 mM)			
		Ethanol	2 mg/mL (4.73 mM)			
		Water	Insoluble			
	In vivo (Add solvents to the product individually and in order)	Oral Administration	Homogeneous suspension	CMC-NA	≥5mg/ml	Taking the 1 mL working solution as an example, add 5 mg of this product to 1 ml of CMC-Na solution, mix evenly to obtain a homogeneous suspension with a final concentration of 5 mg/ml.

* <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	2.3678 mL	11.8391 mL	23.6782 mL
5 mM	0.4736 mL	2.3678 mL	4.7356 mL
10 mM	0.2368 mL	1.1839 mL	2.3678 mL
50 mM	0.0474 mL	0.2368 mL	0.4736 mL

Biological Activity

Description	KM11060 is a small molecule that corrects the processing of **cystic fibrosis transmembrane conductance regulator (CFTR)** proteins bearing the F508 deletion (F508del) mutation.
Targets	CFTR [1]

References

https://pubmed.ncbi.nlm.nih.gov/17975008/

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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