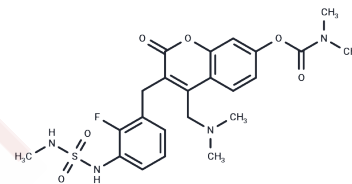


## Atebimetinib

## Chemical Properties

CAS No. :	2669009-92-9
Formula:	C <sub>23</sub> H <sub>27</sub> FN <sub>4</sub> O <sub>6</sub> S
Molecular Weight:	506.55
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Atebimetinib (IMM-1-104) is an orally active, deeply periodic MEK inhibitor that directly targets MEK and chronically suppresses MAPK signaling. It is intended for combination therapy in metastatic pancreatic cancer and non-small cell lung cancer (NSCLC).
Targets(IC50)	MEK

## Solubility Information

Solubility	DMSO: 80.00 mg/mL (157.93 mM), Sonication is recommended. ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9741 mL	9.8707 mL	19.7414 mL
5 mM	0.3948 mL	1.9741 mL	3.9483 mL
10 mM	0.1974 mL	0.9871 mL	1.9741 mL
50 mM	0.0395 mL	0.1974 mL	0.3948 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Torres J. Atebimetinib Plus Chemo Makes Case As Potential Frontline Option in Pancreatic Cancer. SpectrumCancer. October 16, 2025.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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