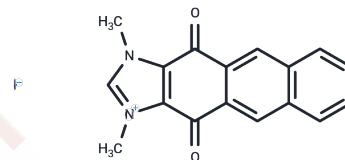


## AQIM-I

## Chemical Properties

CAS No. :	2247881-73-6
Formula:	C <sub>17</sub> H <sub>13</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	404.20
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	AQIM-I is a survivin inhibitor that reduces survivin expression and colony formation. It promotes reactive oxygen species (ROS) production, apoptosis, cell cycle arrest, DNA damage, and autophagy. Moreover, AQIM-I effectively inhibits nonsmall cell lung cancer cells A549, with an IC <sub>50</sub> value of 9 nM [1].
Targets(IC <sub>50</sub> )	Survivin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.474 mL	12.3701 mL	24.7402 mL
5 mM	0.4948 mL	2.474 mL	4.948 mL
10 mM	0.2474 mL	1.237 mL	2.474 mL
50 mM	0.0495 mL	0.2474 mL	0.4948 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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