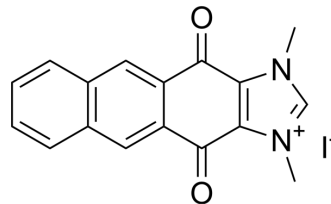


AQIM-I

Cat. No.:	HY-162041
CAS No.:	2247881-73-6
Molecular Formula:	C ₁₇ H ₁₃ IN ₂ O ₂
Molecular Weight:	404.2
Target:	Survivin
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

AQIM-I is an inhibitor of survivin via inhibits survivin expression and colony formation. AQIM-I induces ROS production, apoptosis, cell cycle arrest, DNA damage, and autophagy. AQIM-I inhibits nonsmall cell lung cancer cells A549 with an IC₅₀ value of 9 nM^[1].

REFERENCES

[1]. Jing Yuan, et al. Pioneering 4,11-Dioxo-4,11-dihydro-1 H-anthra[2,3- d]imidazol-3-ium Compounds as Promising Survivin Inhibitors by Targeting ILF3/NF110 for Cancer Therapy. J Med Chem. 2023.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA