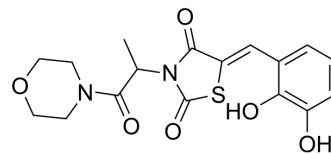


FB49

Cat. No.:	HY-156278
Molecular Formula:	C ₁₇ H ₁₈ N ₂ O ₆ S
Molecular Weight:	378.4
Target:	Apoptosis; Autophagy
Pathway:	Apoptosis; Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

FB49 is a highly selective inhibitor of Bcl-2-associated athanogene 3 (BAG3), with the K_i of 45 μM. FB49 inhibits the cell growth in human tumoral cells, but has no toxicity in human peripheral mononuclear cells. FB49 block cell cycle in G1 phase and to induce apoptosis as well as autophagy in medulloblastoma HD-MB03 treated cells^[1].

REFERENCES

[1]. Budassi F, et al. Design, synthesis and biological evaluation of novel 2,4-thiazolidinedione derivatives able to target the human BAG3 protein [published online ahead of print, 2023 Sep 22]. Eur J Med Chem. 2023;261:115824.

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

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