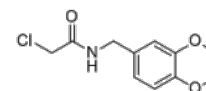


Product Name : DKM 2-93
Cat. No. : PC-20624
CAS No. : 65836-72-8
Molecular Formula : C₁₁H₁₄ClNO₃
Molecular Weight : 243.69
Target : Ubiquitin-activating Enzyme (E1)
Solubility : 10 mM in DMSO



CAS: 65836-72-8

Biological Activity

DKM 2-93 is a covalent, relatively selective inhibitor of ubiquitin-like modifier activating enzyme 5 (UBA5) with IC₅₀ of 430 uM, binds to the catalytic cysteine of UBA5 cysteine 250 (C250).

DKM 2-93 does not non-specifically react with large numbers of protein targets.

DKM 2-93 impairs pancreatic cancer cell survival (EC₅₀=90 uM, PaCa2) and in vivo tumor growth.

UBA5 is a novel pancreatic cancer therapeutic target.

References

Allison M Roberts, et al. ACS Chem Biol. 2017 Apr 21;12(4):899-904.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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