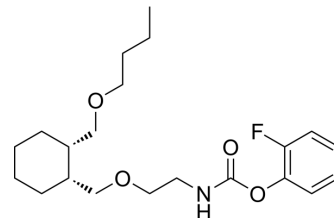


AS115

Cat. No.:	HY-114056
CAS No.:	926657-43-4
Molecular Formula:	C ₂₁ H ₃₂ FNO ₄
Molecular Weight:	381
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	AS115 is a potent and selective KIAA1363 inactivator with IC ₅₀ value of 150 nM. KIAA1363 is a 2-acetyl monoacylglycerol ether (MAGE) hydrolase that is upregulated in aggressive cancers of various tissues ^{[1][2]} .
In Vitro	AS115 (10 μM, 4 h) can significantly reduce the formation of MAGE, alkyl lysophosphatidylcholine and alkyl lysophosphatidic acid in SKOV3 cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Chiang KP, et al. An enzyme that regulates ether lipid signaling pathways in cancer annotated by multidimensional profiling. *Chem Biol.* 2006 Oct;13(10):1041-50.
- [2]. Jessani N, et al. Enzyme activity profiles of the secreted and membrane proteome that depict cancer cell invasiveness. *Proc Natl Acad Sci U S A.* 2002 Aug 6;99(16):10335-40.

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

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