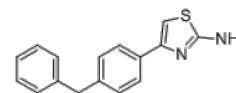


Product Name : ARM-1
Cat. No. : PC-70333
CAS No. : 68729-05-5
Molecular Formula : C₁₆H₁₆N₂S
Molecular Weight : 268.4
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

ARM-1 is a novel LTA4 hydrolase (**LTA4H**) inhibitor that inhibits LTB4 synthesis in human neutrophils with IC₅₀ of 0.5 μM. ARM-1 selectively blocks conversion of LTA4 into LTB4, sparing the enzyme's anti-inflammatory aminopeptidase activity. ARM-1 represents a new class of LTA4 hydrolase inhibitor that holds promise for improved anti-inflammatory properties.

References

Stsiapanava A, et al. *Proc Natl Acad Sci U S A*. 2014 Mar 18;111(11):4227-32.

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

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