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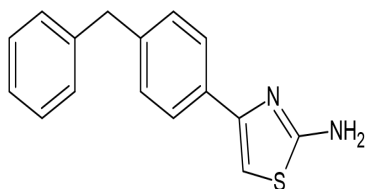
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LTA4 Epoxide Hydrolase Inhibitor, ARM1

ALTERNATE NAME: 4-(4-Benzylphenyl)-thiazol-2-amine; Leukotriene A4 Epoxide Hydrolase Inhibitor; ARM1

CATALOG #: AUR10554

STRUCTURE:



MOLECULAR FORMULA: C₁₆H₁₄N₂S

MOLECULAR WEIGHT: 266.36

CAS#: 68729-05-5

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (100 mg/ml)

PURITY: >98% by HPLC

STORAGE: Store at 2-8°C. Protect from air and light

DESCRIPTION: ARM1 acts as a selective inhibitor against the epoxide hydrolase activity of leukotriene A4 hydrolase (LTA4H; $K_i = 2.3 \mu\text{M}$) and inhibits A23187- induced leukotriene B₄ (LTB₄) synthesis in primary human polymorphonuclear neutrophil (PMN) cultures ($\text{IC}_{50} = 0.5 \mu\text{M}$).

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure