Product Data Sheet

Product Name: ARM1 hydrobromide
Cat. No.: GB40104

Chemical Properties

Cas. No.	1049743-03-4		
Formula	$C_{16}H_{14}N_2S.HBr$	M.Wt	347.27
Solubility		Storage	
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure			

Background

Novel type of LTA4H inhibitor (IC50 value of ~0.5 μM in human neutrophils, and Ki value of 2.3 μM for purified LTA4H) that selectively blocks the conversion of LTA4 into proinflammatory mediator LTB4, although leaving the aminopeptidase activity intact for cleavage and inactivation of Pro-Gly-Pro. About LTA4H: Leukotriene A4 hydrolase/aminopeptidase (LTA4H) is a bifunctional zinc metalloenzyme that catalyzes biosynthesis of the proinflammatory mediator, LTB4, implicated in chronic inflammatory diseases. Recently, the chemotactic tripeptide Pro-Gly-Pro was identified as the enzyme's endogenous peptidase substrate.

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