

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 K_i 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.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA