
Product Data Sheet

Product Name: Boc-Asp(OMe)-fluoromethyl ketone

Cat. No.: GC68787

Chemical Properties

Cas. No. 187389-53-3

Formula $C_{11}H_{18}FNO_5$ M.Wt 263.26Solubility DMSO : ≥ 100 mg/mL (379.85 mM) Storage Store at $-20^{\circ}C$, away from moistureGeneral tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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**Boc-Asp(OMe)-Fluorometl Ketone is a broad range IL-8^{[1][2]}.Boc-Asp(OMe)-Fluorometl Keton (100 μ M; 30 minutes; Polymorphonuclear leukocytes) prevents Fas-induced and spontaneous apoptosis (-CH-11)^[1]. Boc-Asp(OMe)-Fluorometl Keton (20 μ M; 5 hours; J774.1/JA-4 cells) significantly increases LDH release^[2].

[1]. Paunel-GÖrgÜIÜ A, et al. Stimulation of Fas signaling down-regulates activity of neutrophils from major trauma patients with SIRS. Immunobiology. 2011;216(3):334-342.

[2]. Koike A, et al. Pan-caspase inhibitors induce necroptosis via ROS-mediated activation of mixed lineage kinase domain-like protein and p38 in classically activated macrophages. Exp Cell Res. 2019;380(2):171-179.

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