

Product Data Sheet

Product Name: FP-Biotin

Cat. No.: GC70775

Chemical Properties

Cas. No. 259270-28-5

Formula $C_{27}H_{50}FN_4O_5PS$ M.Wt 592.75

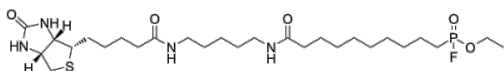
Solubility DMSO : 25 mg/mL (42.18 mM); ultrasonic and warming and heat to 60°C; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO)

Storage -20°C, stored under nitrogen

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

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

Product Data Sheet

FP-biotin is a potent organophosphorus toxicant, well-suited for searching for new biomarkers of organophosphorus toxicants exposure. FP-Biotin quantifies FAAH, ABHD6, and MAG-lipase activity. FP-biotin is used for studies with plasma because biotinylated peptides are readily purified by binding to immobilized avidin beads.

FP-biotin has good reactivity with human AChE and BChE despite its large biotin group. FP-biotin is suitable for the proposed task of identifying organophosphorus toxicants reactive proteins^[1].

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