
Product Data Sheet

Product Name: Suc-AAP-Abu-pNA

Cat. No.: GC18565

Chemical Properties

Cas. No. 108392-27-4

Chemical Name N-(3-carboxy-1-oxopropyl)-L-alanyl-L-alanyl-L-prolyl-N-(4-nitrophenyl)-L-2-amino-butanamide

SMILES O=C(N[C@H](C(NC1=CC=C([N+])([O-])=O)C=C1)=O)CC[C@H]2N(C([C@H](C)NC([C@@H](NC(CCC(O)=O)=O)C)=O)=O)CCC2Formula C₂₅H₃₄N₆O₉ M.Wt 562.6

Solubility Water: 1 mg/ml Storage Store at -20°C

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**

Suc-AAP-Abu-pNA is a chromogenic peptide substrate for pancreatic elastase. It is cleaved by elastase to release p-nitroalanine (p-NA), which can be quantified by colorimetric detection at 405 nm as a measure of enzyme activity.

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

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