
Product Data Sheet

Product Name: Dabcyl-YVADAPV-EDANS

Cat. No.: GC18421

Chemical Properties

Cas. No. 161877-70-9

Chemical Name N-[4-[[4-(dimethylamino)phenyl]azo]benzoyl]-L-tyrosyl-L-valyl-L-alanyl-L- α -aspartyl-L-alanyl-L-prolyl-N-[2-[(5-sulfo-1-naphthalenyl)amino]ethyl]-L-valinamide

SMILES N/A

Formula $C_{61}H_{76}N_{12}O_{14}S$ M.Wt 1233.4Solubility 5% NH₃ (Aqueous): 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**

Dabcyl-YVADAPV-EDANS is a fluorogenic substrate for caspase-1. Upon enzymatic cleavage by caspase-1, EDANS is separated from the Dabcyl quencher and can be used to quantify caspase-1 activity. EDANS displays excitation/emission maxima of 340/485 nm, respectively.

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

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