Creative Enzymes®

Ac-VDVAD-AFC

Cat. No. CSUB-0744

Lot. No. (See product label)

Introduction

Description	Ac-VDVAD-AFC is a fluorogenic substrate for caspase-2. It is similar to Ac-VDVAD-AMC but the AFC fluorophore has a greater Stokes' shift upon cleavage. VDVAD has been found to be a preferred cleavage site for caspase-2 (Ich-1L). Increases in Ac-VDVAD-AFC cleavage is correlated with losses in procaspase-2 (conversion to active caspase-2) in human neuroblastoma lines induced to apoptosis with C2-ceramide and NO.
Applications	A fluorogenic substrate for caspase-2
Synonyms	Caspase Substrate (AFC); Ac-Val-Asp-Val-Ala-Asp-AFC

Product Information

Form	Solid
CAS No.	210344-94-8
Molecular Formula	C33H41F3N6O12
Molecular Weight	770.71
Solubility	Soluble in DMSO (20 mM), and DMF (20 mM).
Substrates	Caspase-6; Cysteine proteases

Storage and Shipping Information

Storage	Store at -20° C