

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