

## 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