

Product Datasheet

Ac-DEVD-AMC (orb1140477)

Catalog Number	orb1140477
Category	Proteins
Description	Fluorogenic substrate for caspase-3; Fluorescent labelled peptides.
Form/Appearance	Lyophilised solid
Purity	> 97% (HPLC)
Protein Sequence	Ac-Asp-Glu-Val-Asp-AMC
MW	675.7 Da
Structure	Ac-Asp-Glu-Val-Asp-AMC
Modifications	Acetyl at N terminal, 7-amino-4-methylcoumarin (AMC) at C terminal.
Target Areas	Caspases
Solubility (25°C)	Soluble in DMSO; dilute with buffer for use
CAS Number	169332-61-0
Formula	C ₃₀ H ₃₇ N ₅ O ₁₃
Storage	We recommend storage desiccated, frozen and in the dark
Background	Ac-DEVD-AMC is a fluorogenic substrate for caspase-3 with a Km value of 9.7 ± 1.0 µM. The sequence of Ac-DEVD-AMC is based on the PARP cleavage site Asp216 for caspase-3 and it is also a substrate for caspases -1, -4, -7 and -8. Ac-DEVD-AMC can be used to monitor intracellular caspase activity with cleaved AMC moieties, reflecting caspase activity, being detected by fluorescence.
Note	For research use only

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com

Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558

Expiration Date

12 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)