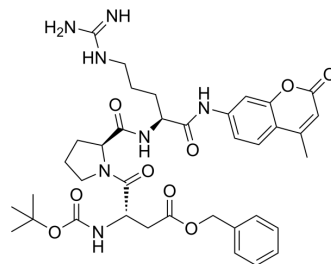


Boc-Asp(OBzl)-Pro-Arg-AMC

Cat. No.:	HY-P4419
CAS No.:	113866-00-5
Molecular Formula:	C ₃₇ H ₄₇ N ₇ O ₉
Molecular Weight:	733.81
Sequence:	{Boc}-{Asp(OBzl)}-Pro-Arg-{AMC}
Sequence Shortening:	{Boc}-{Asp(OBzl)}-PR-{AMC}
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Boc-Asp(OBzl)-Pro-Arg-AMC is a fluorogenic substrate for the determination of protease activity. Boc-Asp(OBzl)-Pro-Arg-AMC undergoes hydrolysis and releases the fluorescent product 7-amino-4-methylcoumarin (AMC). AMC is fluorescent under UV light and can emit a fluorescent signal^[1].

REFERENCES

[1]. Patcharin S, et, al. Autolytic activity and biochemical characteristics of endogenous proteinases in Indian anchovy (*Stolephorus indicus*). Food Chemistry. 2006,98(4):678-84.

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

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