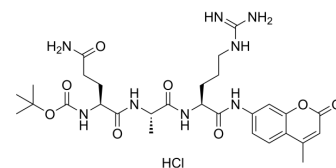


Boc-Gln-Ala-Arg-AMC hydrochloride

Cat. No.:	HY-134432A
CAS No.:	201849-55-0
Molecular Formula:	C ₂₉ H ₄₃ ClN ₈ O ₈
Molecular Weight:	667.15
Target:	Ser/Thr Protease
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Boc-Gln-Ala-Arg-AMC hydrochloride is a fluorogenic substrate for trypsin. Boc-Gln-Ala-Arg-AMC hydrochloride can also be used for measuring the proteolytic activity of TMPRSS2 ^{[1][2]} .
IC ₅₀ & Target	Trypsin ^[1]

REFERENCES

- [1]. Mosztbacher D, et al. Measuring digestive protease activation in the mouse pancreas. *Pancreatology*. 2020 Mar;20(2):288-292.
- [2]. Ko CJ, et al. Inhibition of TMPRSS2 by HAI-2 reduces prostate cancer cell invasion and metastasis. *Oncogene*. 2020 Sep;39(37):5950-5963.

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

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