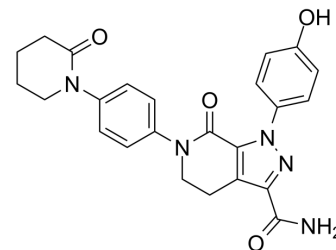


O-Desmethyl apixaban

Cat. No.:	HY-100655
CAS No.:	503612-76-8
Molecular Formula:	C ₂₄ H ₂₃ N ₅ O ₄
Molecular Weight:	445.47
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

O-Desmethyl apixaban is a metabolite of Apixaban (BMS-562247-01)^[1]. Apixaban is a highly selective, reversible inhibitor of Factor Xa with K_i of 0.08 nM and 0.17 nM in human and rabbit, respectively^[2].

REFERENCES

[1]. Pinto DJ, et al. Discovery of 1-(4-methoxyphenyl)-7-oxo-6-(4-(2-oxopiperidin-1-yl)phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxamide (apixaban, BMS-562247), a highly potent, selective, efficacious, and orally bioavailable inhibitor of blood coagulation factor Xa. *J Med Chem.* 2007 Nov 1;50(22):5339-56.

[2]. Raghavan N, et al. Apixaban metabolism and pharmacokinetics after oral administration to humans. *Drug Metab Dispos.* 2009 Jan;37(1):74-81.

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

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