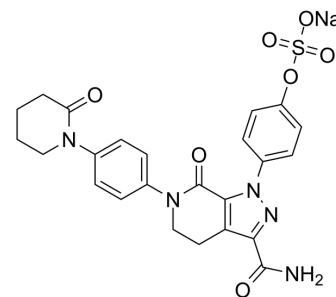


O-Desmethyl apixaban sulfate sodium

| | |
|--------------------|---|
| Cat. No.: | HY-100652A |
| Molecular Formula: | C ₂₄ H ₂₂ N ₅ NaO ₇ S |
| Molecular Weight: | 547.52 |
| Target: | Factor Xa |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|---|
| Description | O-Desmethyl apixaban sulfate sodium is a major circulating metabolite of Apixaban in humans. O-Desmethyl apixaban sulfate sodium inhibits factor X (FXa) with a K _i of 58 μM ^{[1][2]} . |
| IC ₅₀ & Target | Ki: 58 μM (Factor Xa) ^[1] |

REFERENCES

- [1]. Wong PC, et al. Preclinical discovery of apixaban, a direct and orally bioavailable factor Xa inhibitor. *J Thromb Thrombolysis*. 2011 May;31(4):478-92.
- [2]. Wang L, et al. Sulfation of o-demethyl apixaban: enzyme identification and species comparison. *Drug Metab Dispos*. 2009 Apr;37(4):802-8.

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

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