

Product Datasheet

Asundexian

Catalog No. **BP-01965** · CAS **2064121-65-7** · Form **free base** · Physical state **solid** · Color **White to off-white** · Version **1.0** · Revision **2026-09-09**

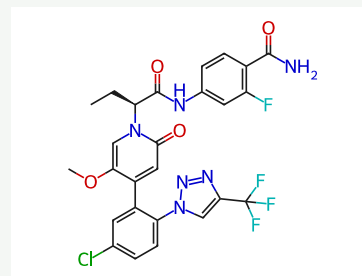
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Target Factor Xa	Research area Cardiovascular Disease
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Molecular formula **C₂₆H₂₁ClF₄N₆O₄**

Molecular weight **592.9290**

STRUCTURE



DESCRIPTION

Asundexian (BAY 2433334; BI1265162) is an orally active coagulation factor X_{IIa} (FX_{IIa}) inhibitor. BAY 2433334 inhibits human FX_{IIa} in buffer with an IC₅₀ of 1 nM.

BIOLOGICAL ACTIVITY

Asundexian binds directly, potently, and reversibly to the active site of FX_{IIa} and thereby inhibits its activity. Asundexian inhibits human FX_{IIa} in buffer with an IC₅₀ of 1 nM.

SOLUBILITY

Soluble in DMSO ≥ 250 mg/mL

REFERENCES

[1]. Thomas D, et al. First evaluation of the safety, pharmacokinetics, and pharmacodynamics of BAY 2433334, a small molecule targeting coagulation factor X_{IIa}. J Thromb Haemost. 2021;19(10):2407-2416.

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