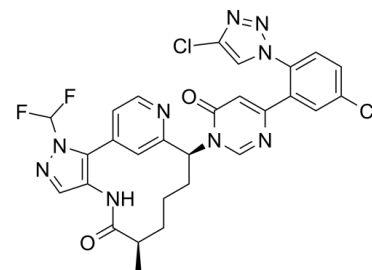


Data Sheet

Product Name:	Milvexian
Cat. No.:	CS-0101887
CAS No.:	1802425-99-5
Molecular Formula:	C ₂₈ H ₂₃ Cl ₂ F ₂ N ₉ O ₂
Molecular Weight:	626.44
Target:	Factor Xa
Pathway:	Metabolic Enzyme/Protease
Solubility:	DMSO : ≥ 100 mg/mL (159.63 mM)



BIOLOGICAL ACTIVITY:

Milvexian (BMS-986177), an effective antithrombotic agent, is an orally-bioavailable, reversible and direct inhibitor of human and rabbit **factor Xla (FXIa)** with K_i of 0.11, and 0.38 nM, respectively^[1].

References:

[1]. Wong P, et al. Small-Molecule Factor XIa Inhibitor, BMS-986177/JNJ-70033093, Prevents and Treats Arterial Thrombosis in Rabbits at Doses that Preserve Hemostasis [abstract]. Res Pract Thromb Haemost. 2020; 4 (Suppl 1).

CAIndexNames:

11,15-Metheno-15H-pyrazolo[4,3-b][1,7]diazacyclotetradecin-5(6H)-one, 10-[4-[5-chloro-2-(4-chloro-1H-1,2,3-triazol-1-yl)phenyl]-6-oxo-1(6H)-pyrimidinyl]-1-(difluoromethyl)-1,4,7,8,9,10-hexahydro-6-methyl-, (6R,10S)-

SMILES:

O=C(NC1=C2N(C(F)F)N=C1)[C@H](C)CCC[C@H](N(C=NC(C3=CC(Cl)=CC=C3N4N=NC(Cl)=C4)=C5)C5=O)C6=CC2=CC=N6

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

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