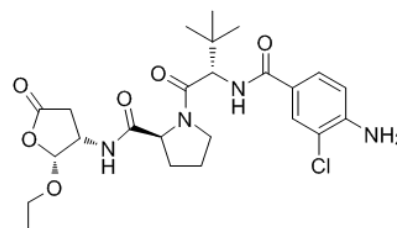


Product Name : VX-765
Cat. No. : PC-43391
CAS No. : 273404-37-8
Molecular Formula : C₂₄H₃₃ClN₄O₆
Molecular Weight : 508.995
Target : Caspase
Solubility : DMSO: ≥ 27 mg/mL



Biological Activity

VX-765 (Belnacasan) is an orally absorbed prodrug of VRT-043198, which is a potent and selective inhibitor of interleukin-converting enzyme/**caspase-1** with K_i of 0.8 nM.

VRT-043198 exhibits 100- to 10,000-fold selectivity against other caspase-3 and -6 to -9, VX-765 is converted rapidly to VRT-043198 under the action of plasma and liver esterases.

VX-765 (Belnacasan) inhibits LPS-induced IL-1β production, reduces disease severity and the expression of inflammatory mediators in models of rheumatoid arthritis and skin inflammation.

References

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Bialer M, et al. *Epilepsy Res.* 2013 Jan;103(1):2-30.

Wang W, et al. *Proc Natl Acad Sci U S A.* 2016 Aug 23;113(34):9587-92.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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