

Belnacasan (VX-765)

Catalog No: tcsc2766



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

273404-37-8

Formula:

$C_{24}H_{33}ClN_4O_6$

Pathway:

Apoptosis

Target:

Caspase

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 27 mg/mL (53.05 mM)

Alternative Names:

VX-765

Observed Molecular Weight:

509

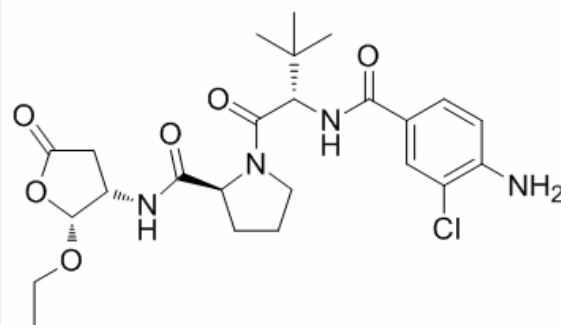
Product Description

Belnacasan (VX-765) is an oral prodrug of VRT-043198, a potent and selective **caspase-1** inhibitor with a **K_i** of 0.8 nM.

IC₅₀ & Target: Caspase-1^[1]

In Vitro: Belnacasan inhibits the release of LPS-induced IL-1 β and IL-18 by human PBMCs with an IC₅₀ of ~0.7 μ M and reduces inflammatory response in murine models of inflammatory disease^[1]. VBelnacasan is a potent, specific inhibitor of the caspase-1 subfamily^[2].

In Vivo: Belnacasan doses 50, 100, and 200 mg/kg significantly (p[2]. Belnacasan at doses of 25, 50, and 200 mg/kg significantly delays the time to seizure onset by 1.5- to twofold (p[3].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!