

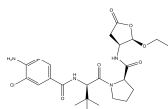
Product: VX-765

ALTERNATE NAME: (2S)-1-[(2S)-2-[(4-amino-3-chlorobenzoyl)amino]-3,3-dimethylbutanoyl]-N-[(2R,3S)-2-ethoxy-5-oxooxolan-3-yl]pyrrolidine-2-carboxamide; Belnacasan

CATALOG #: 2781-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₄H₃₃ClN₄O₆

MOLECULAR WEIGHT: 508.99

CAS NUMBER: 273404-37-8

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

STORAGE: Store at -20°C. Protect from air and light

DESCRIPTION: VX-765 is a prodrug of VRT-043198, a potent and selective inhibitor of interleukin-converting enzyme/caspase-1 subfamily caspases. VRT-043198 displays 100- to 10,000-fold selectivity against caspase-3 and -6 to -9. Exhibits potent anti-inflammatory activities by inhibiting the release of IL-1β and IL-18.

REFERENCES: Wannamaker, W., *et al.* (2007). *J. Pharmacol. Exp. Ther.* **321**, 509-516.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Caspase-1, human recombinant (**Cat. No. 1081-25, -100**)

Caspase-1, mouse recombinant (**Cat. No. 1181-25, -100**)

Active Caspase-1, rat recombinant (**Cat. No. 7524-25, 100**)

Caspase-1 Colorimetric Assay Kit (**Cat. No. K111-25, 100, 200, 400**)

Caspase-1 Fluorometric Assay Kit (**Cat. No. K110-25, 100, 200, 400**)

Caspase-1 inhibitor, Z-YVAD-FMK (Cat. No. 1012-20C, 100)

Caspase-1 substrate YVAD-AFC (**Cat. No. 1103-200, 1000**)

Caspase-1 substrate YVAD-pNA (**Cat. No. 1104-200, 1000**)

FOR RESEARCH USE ONLY! Not to be used on humans.