

Cbz-(S,S)-Pro-Pro-allyl

Chemical Properties

CAS No. :

Formula: C₂₁H₂₆N₂O₅

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Cbz-(S,S)-Pro-Pro-allyl (compound 1a) is a dual inhibitor of cyclooxygenase-2 and 5-lipoxygenase, with IC ₅₀ values of 0.146 nM, 0.003 nM, and 0.64 nM for COX-1, COX-2, and 5-LOX, respectively. Additionally, Cbz-(S,S)-Pro-Pro-allyl exhibits anti-inflammatory properties.
Targets(IC ₅₀)	COX,Lipoxygenase

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