

Emricasan, pan-Caspase inhibitor

Catalog	Unit
TBI4280-5MG	5 mg
TBI4280-25MG	25 mg

Product Details

Formal Name: (3S)-3-[[[(2S)-2-[[2-(2-tert-butylanilino)-2-oxoacetyl]amino]propanoyl]amino]-4-oxo-5-(2,3,5,6-tetrafluorophenoxy)pentanoic acid

Alternate Names: IDN-6556; PF-03491390

Molecular Formula: C₂₆H₂₇F₄N₃O₇

Formula Weight: 569.51

CAS Number: 254750-02-2

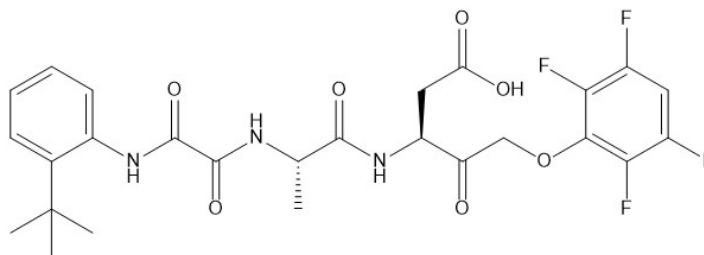
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to at least 20 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

pan-Caspase inhibitor

Functions

Liver-targeted antiapoptotic pan-caspase inhibitor. It has been investigated as a hepatoprotective agent in the treatment of liver ischemia and NASH/NAFLD liver injury. Emricasan protected SNB-19 cells against cell death induced by Zika virus strains MR766, FSS13025, and PRVABC59. Emricasan improves the viability of hPSCs and their differentiated progeny when used in a small molecule cocktail (CEPT) containing chroman 1, polyamines and trans-ISRIB.

Application Procedures

First dissolved in DMSO (up to at least 20 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 1 month.

For research use only.