

Ala-parafluoroPhe-Arg-Cha-Cit-Tyr-NH2 TFA

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Keep away from moisture

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	Ala-parafluoroPhe-Arg-Cha-Cit-Tyr-NH2 TFA is a bioactive peptide acting as a selective agonist for the protease-activated receptor 1 (PAR-1), demonstrating higher specificity for PAR-1 compared to PAR-2. PAR-1, part of the G protein-coupled receptor subfamily, is known to mediate cellular functions of thrombin. Beyond thrombin's various cellular roles, PAR-1 has been shown to interact with PAR-4, influencing thrombin-induced hepatocellular carcinoma, which forms thrombin in the tumor environment and is classified as "coagulation type."
Targets(IC50)	Protease Activated Receptor (PAR)

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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