

PL553

Catalog No: **tcsc0035408**



Available Sizes

Size: 5mg

Size: 10mg

Size: 25mg



Specifications

CAS No:

1456872-74-4

Formula:

$C_{28}H_{23}F_3N_2O_4$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

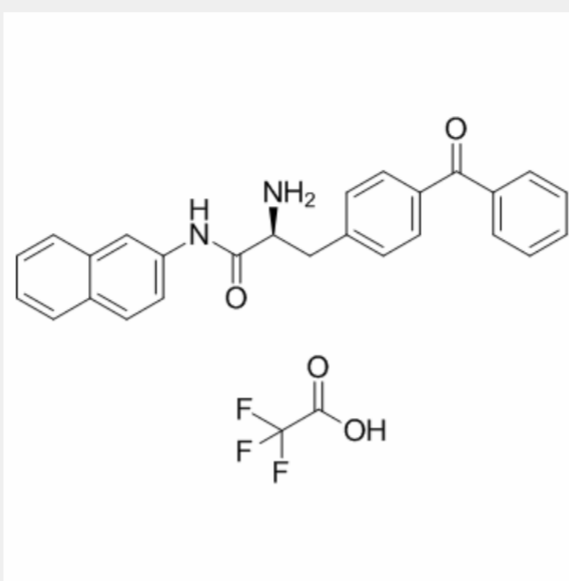
508.49

Product Description

PL553 is a specific and high-affinity fluorogenic substrate of Leukotriene A4 hydrolase, with a λ_{max} of 210 nm and λ_{em} of 410 nm.

In Vitro: PL553 is a specific and high-affinity fluorogenic substrate of Leukotriene A4 hydrolase (LTA4H), with a maximum absorption

(λ_{\max}) of 210 nm and maximum emission (λ_{em}) of 410 nm. PL553 is a better LTA4H substrate than (l)-Ala- β -naphthylamide, and resistant to cleavage by other aminopeptidases, but can be cleaved by FAAH. PL553 (40 μM) is used to evaluate the potencies of known inhibitors toward LTA4H^[1].



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