

Prasugrel (Maleic acid)

Catalog No: tcsc1786



Available Sizes

Size: 100mg

Size: 500mg



Specifications

CAS No:

389574-20-3

Formula:

$C_{24}H_{24}FNO_7S$

Pathway:

GPCR/G Protein

Target:

P2Y Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

PCR 4099 (Maleic acid)

Observed Molecular Weight:

489.51

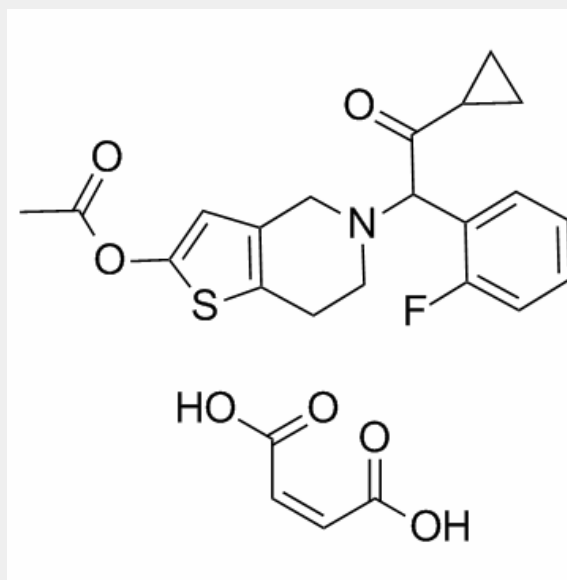
Product Description

Prasugrel (PCR 4099) Maleic acid is a platelet inhibitor with IC₅₀ value of 1.8 μM.

IC50 & Target: P2Y12 receptor.

In Vitro: Prasugrel (PCR 4099) is a novel platelet inhibitor used for the reduction of thrombotic cardiovascular events (including stent thrombosis) in patients with acute coronary syndrome who are to be managed with PCI [2].

Prasugrel (PCR 4099) reduces the aggregation ("clumping") of platelets by irreversibly binding to P2Y12 receptors. In rat platelets, prasugrel Maleic acid AM inhibited in vitro platelet aggregation induced by ADP (10 μ m) with an IC₅₀ value of 1.8 Mm [2].



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