

# Prasugrel

**Catalog No: tcsc0657**



## Available Sizes

**Size:** 100mg

**Size:** 500mg



## Specifications

**CAS No:**

150322-43-3

**Formula:**

$C_{20}H_{20}FNO_3S$

**Pathway:**

GPCR/G Protein

**Target:**

P2Y Receptor

**Purity / Grade:**

>98%

**Solubility:**

H2O :

**Alternative Names:**

PCR 4099

**Observed Molecular Weight:**

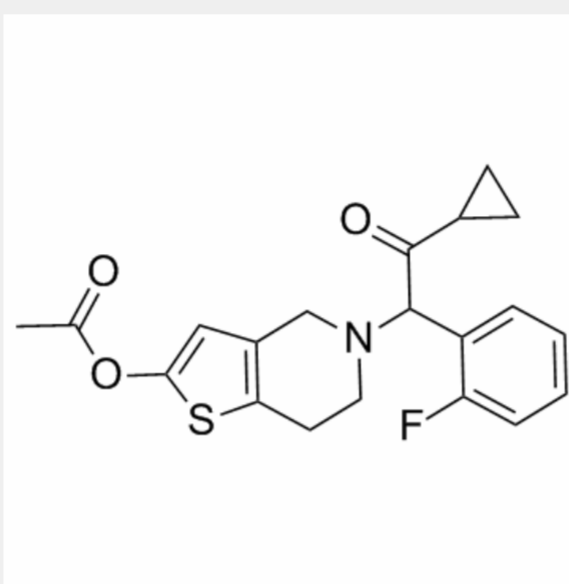
373.44

## Product Description

Prasugrel (PCR 4099) is a platelet inhibitor with IC<sub>50</sub> 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. Prasugrel (PCR 4099) reduces the aggregation ("clumping") of platelets by irreversibly binding to P2Y12 receptors. In rat platelets, Prasugrel (PCR 4099) AM inhibited in vitro platelet aggregation induced by ADP (10  $\mu$ m) with an IC<sub>50</sub> value of 1.8  $\mu$ m. From Wikipedia



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