

# Prasugrel (hydrochloride)

Catalog No: tcsc1785



## Available Sizes

**Size:** 100mg

**Size:** 500mg



## Specifications

**CAS No:**

389574-19-0

**Formula:**

$C_{20}H_{21}ClFNO_3S$

**Pathway:**

GPCR/G Protein

**Target:**

P2Y Receptor

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Alternative Names:**

PCR 4099 (hydrochloride)

**Observed Molecular Weight:**

409.9

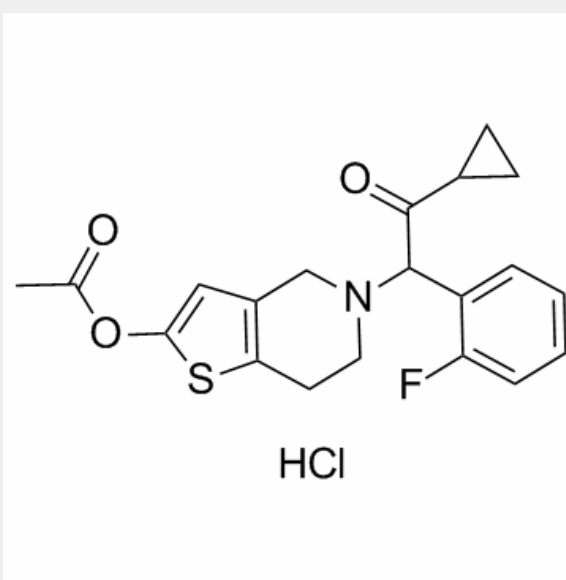
## Product Description

Prasugrel (PCR 4099) hydrochloride is a platelet inhibitor with IC<sub>50</sub> value of 1.8 μM.

IC<sub>50</sub> & Target: P2Y<sub>12</sub> 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<sup>[2]</sup>.

Prasugrel (PCR 4099) reduces the aggregation ("clumping") of platelets by irreversibly binding to P2Y<sub>12</sub> receptors. In rat platelets, prasugrel hydrochloride AM inhibited in vitro platelet aggregation induced by ADP (10 μm) with an IC<sub>50</sub> value of 1.8 Mm<sup>[2]</sup>.



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