

# PD 123319 (ditrifluoroacetate)

Catalog No: tcsc1547



## Available Sizes

**Size:** 5mg

**Size:** 10mg

**Size:** 50mg



## Specifications

**CAS No:**

136676-91-0

**Formula:**

$C_{35}H_{34}F_6N_4O_7$

**Pathway:**

GPCR/G Protein

**Target:**

Angiotensin Receptor

**Purity / Grade:**

>98%

**Solubility:**

H<sub>2</sub>O : ≥ 36 mg/mL (48.87 mM)

**Observed Molecular Weight:**

736.66

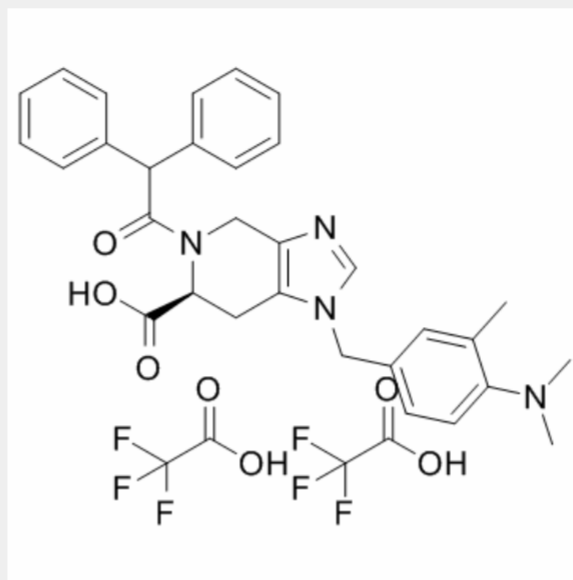
## Product Description

PD 123319 (ditrifluoroacetate) is a potent, selective **AT2 angiotensin II receptor** antagonist with **IC<sub>50</sub>** of 34 nM.

IC<sub>50</sub> & Target: IC<sub>50</sub>: 34 nM (AT2 Receptor)<sup>[1]</sup>

**In Vitro:**

PD 123319 is shown to discriminate between two subclasses of All receptors in many different tissues. <sup>125</sup>I-All specifically label two classes of binding sites for All in a membrane preparation of bovine adrenal glomerulosa cells. The first class (DuP-753 sensitive) represents approximately 85% of the total binding sites for All and possesses a high affinity (IC<sub>50</sub> of 92.9 nM) for DuP-753. PD-123319 does not have any effect on <sup>125</sup>I-All binding to this site. The second class of binding sites is more sensitive to PD-123319, with an IC<sub>50</sub> of 6.9 nM, and has a much lower affinity for DuP-753 (IC<sub>50</sub> around 10 microM)<sup>[2]</sup>.



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