

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:

H₂O : ≥ 36 mg/mL (48.87 mM)

Observed Molecular Weight:

736.66

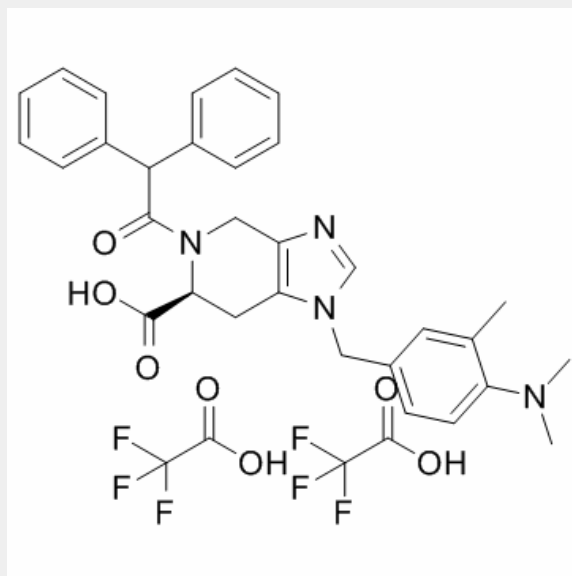
Product Description

PD 123319 (ditrifluoroacetate) is a potent, selective **AT2 angiotensin II receptor** antagonist with **IC₅₀** of 34 nM.

IC₅₀ & Target: IC₅₀: 34 nM (AT2 Receptor)^[1]

In Vitro:

PD 123319 is shown to discriminate between two subclasses of All receptors in many different tissues. ¹²⁵I-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 (IC₅₀ of 92.9 nM) for DuP-753. PD-123319 does not have any effect on ¹²⁵I-All binding to this site. The second class of binding sites is more sensitive to PD-123319, with an IC₅₀ of 6.9 nM, and has a much lower affinity for DuP-753 (IC₅₀ around 10 microM)^[2].



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