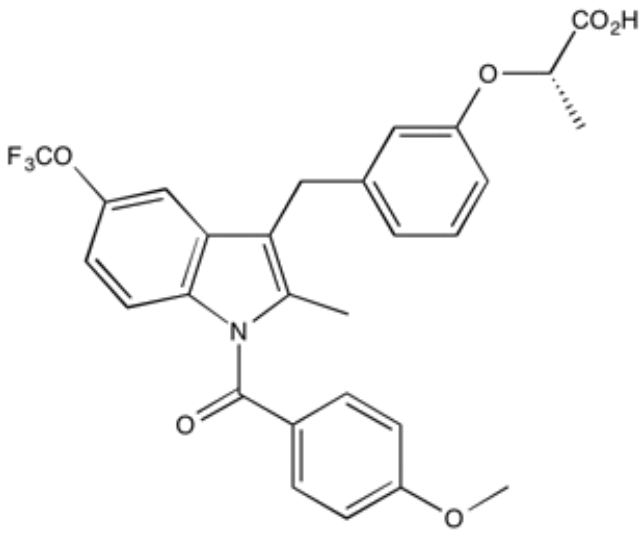
Catalog # 10-1365

MRL-24

CAS# 393794-17-7

(S)-2-(3-((1-(4-Methoxybenzoyl)-2-methyl-5-(trifluoromethoxy)-1H-indol-3-yl)methyl)phenoxy)propanoic acid

Lot # X104527



Displays high affinity for PPARγ with excellent anti-diabetic activity in mice but poor PPARγ agonist activity in transcription and adipogenesis assays. Highly effective (30 nM) at blocking Cdk5-mediated phosphorylation of PPARγ. Cell permeable.

1) Choi *et al*. (2010), *Anti-diabetic drugs inhibit obesity-linked phosphorylation of PPARgamma by CDK5*; Nature, **466** 451

PHYSICAL DATA

Molecular Weight:	527.49
Molecular Formula:	$C_{28}H_{24}F_3NO_6$
Purity:	98% by TLC
	NMR: (Conforms)
Solubility:	DMSO (up to 30 mg/ml)
Physical Description:	White solid
Storage and Stability:	Store as supplied at room temperature for up to 2 years from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 2 months.

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