



Product Information

IRL-2500

Cat. No.: X23-12-YM807

Size: 10 mg; 25 mg; 50 mg; 100 mg

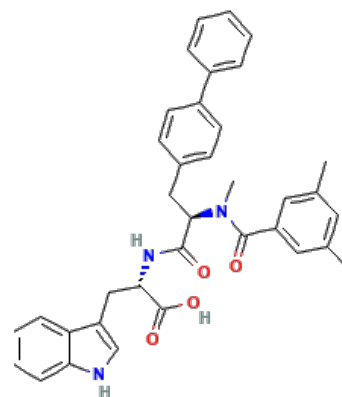
CAS Number: 169545-27-1

Compound CID: 5311192

Synonym: 169545-27-1;

((R)-3-([1,1'-Biphenyl]-4-yl)-2-(N,3,5-trimethylbenzamido)propanoyl)-L-tryptophan

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	IRL-2500 is highly effective in modulating pathways related to hormone regulation. It targets ETA, and ETB.
Molecular Weight	573.68
Molecular Formula	C ₃₆ H ₃₅ N ₃ O ₄
Targets	ETA: 94 nM; ETB: 1.3 nM
IUPAC Name	(2S)-2-[[[(2R)-2-[(3,5-Dimethylbenzoyl)-methylamino]-3-(4-phenylphenyl)propanoyl]amino]-3-(1H-indol-3-yl)propanoic acid
InChI	InChI=1S/C36H35N3O4/c1-23-17-24(2)19-28(18-23)35(41)39(3)33(20-25-13-15-27(16-14-25)26-9-5-4-6-10-26)34(40)38-32(36(42)43)21-29-22-37-31-12-8-7-11-30(29)31/h4-19,22,32-33,37H,20-21H2,1-3H3,(H,38,40)(H,42,43)/t32-,33+/m0/s1
InChI Key	UZDORQWMYRRLQV-JHOUSYSJSA-N
Canonical SMILES	CC1=CC(=CC(=C1)C(=O)N(C)C(CC2=CC=C(C=C2)C3=CC=CC=C3)C(=O)NC(CC4=CNC5=CC=C(C=C54)C(=O)O)C
Isomeric SMILES	CC1=CC(=CC(=C1)C(=O)N(C)[C@H](CC2=CC=C(C=C2)C3=CC=CC=C3)C(=O)N[C@@H](CC4=CNC5=CC=CC=C54)C(=O)O)C
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	IRL-2500 can be used for its selectivity for ETB receptors.



Storage

Store at -20°C, and keep desiccated.
