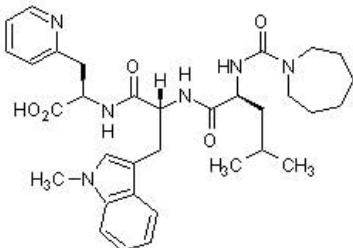


Product datasheet

FR 139317, ETA receptor antagonist ab144636

1 Image

Overview

Product name	FR 139317, ETA receptor antagonist
Description	Highly selective, potent, competitive ET _A receptor antagonist
Biological description	Highly selective, potent, competitive ET _A receptor antagonist (K _i values are 1 nM and 7.3 μM for ET _A and ET _B , respectively). Inhibits endothelin-1-induced vasoconstriction <i>in vivo</i> .
Purity	> 98%
CAS Number	142375-60-8
Chemical structure	

Properties

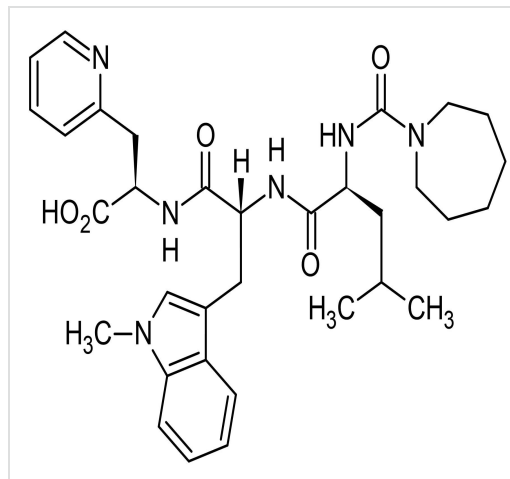
Chemical name	N-[(Hexahydro-1H-azepin-1-yl)carbonyl]-L-leucyl-1-methyl-D-tryptophyl-3-(2-pyridinyl)-D-alanine
Molecular weight	604.75
Molecular formula	C ₃₃ H ₄₄ N ₆ O ₅
PubChem identifier	107810
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol to 100 mM, in DMSO to 100 mM and in 1eq. HCl to 100 mM.
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one week. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>

SMILES

O=C(N[C@@H](CC(C)C)C(=O)N[C@H](Cc2cn(C)c1cccc12)C(=O)N[C@H](Cc3cccn3)C(=O)O)N4CCCCC4

Source

Synthetic

Images

2D chemical structure image of ab144636, FR 139317, ETA receptor antagonist

Chemical Structure - FR 139317, ET_A receptor antagonist (ab144636)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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