

Product datasheet

PD123319 di(trifluoroacetate), angiotensin AT₂ receptor antagonist ab144564

1 References

Overview

Product name	PD123319 di(trifluoroacetate), angiotensin AT ₂ receptor antagonist
Description	Potent, selective, non-peptide angiotensin AT ₂ receptor antagonist
Biological description	Potent, selective, non-peptide angiotensin AT ₂ receptor antagonist (IC ₅₀ values are 34 and 210 nM for rat adrenal and brain tissue respectively). Reduces angiotensin II-induced oxidative stress. Orally active.

Purity > 98%

CAS Number 136676-91-0

Chemical structure



Properties

Chemical name	(6S)-1-[[4-(Dimethylamino)-3-methylphenyl]methyl]-5-(2,2-diphenylacetyl)-4,5,6,7-tetrahydro-1H-imidazo[4,5-c]pyridine-6-carboxylic acid di(trifluoroacetate)
Molecular weight	736.66
Molecular formula	C ₃₁ H ₃₂ N ₄ O ₃ ·2CF ₃ CO ₂ H
PubChem identifier	6604951
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM
Handling	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 month. 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.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

SMILES

FC(F)(F)C(=O)O.FC(F)(F)C(=O)O.CN(C)c1ccc(cc1C)Cn2cnc3CN([C@@H](Cc23)C(=O)O)C(=O)C(c4ccccc4)c5ccccc5

Source

Synthetic

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

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