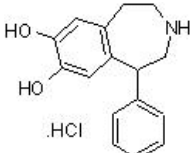


Product datasheet

(±)-SKF38393 hydrochloride, D1-like dopamine receptor agonist ab120740

[1 References](#) [1 Image](#)

Overview

Product name	(±)-SKF38393 hydrochloride, D1-like dopamine receptor agonist
Description	D ₁ -like dopamine receptor agonist
Biological description	D ₁ -like dopamine receptor agonist. pK _i values are 9 (D ₁), 6.8 (D ₂), 5.3 (D ₃), 6.0 (D ₄) and 9.3 (D ₅). K _i values are 151 and 2364 nM for D ₁ -like and D ₂ -like dopamine receptors, respectively. Centrally active upon systemic administration.
Purity	> 98%
CAS Number	62717-42-4
Chemical structure	

Properties

Chemical name	(±)-1-Phenyl-2,3,4,5-tetrahydro-(1 <i>H</i>)-3-benzazepine-7,8-diol hydrochloride
Molecular weight	291.78
Molecular formula	C ₁₆ H ₁₇ NO ₂ .HCl
PubChem identifier	147514
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 25 mM and in DMSO 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 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.</p> <p>Refer to SDS for further information</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked</p>

[questions \(FAQ\) page](#) for more details.

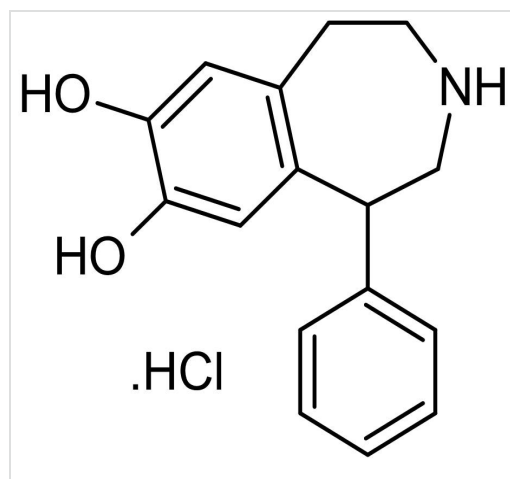
SMILES

C1CNCC(C2=CC(=C(C=C21)O)O)C3=CC=CC=C3.Cl

Source

Synthetic

Images



Chemical Structure - (±)-SKF38393 hydrochloride,
D₁-like dopamine receptor agonist (ab120740)

2D chemical structure image of ab120740, SKF38393
hydrochloride, D₁-like dopamine receptor agonist

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

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