

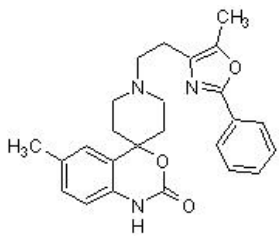
Product datasheet

RS 504393 ab120813

Overview

Product name	RS 504393
Description	Highly selective CCR2 chemokine receptor antagonist
Biological description	Highly selective CCR2 chemokine receptor antagonist (IC ₅₀ = 89 nM). Shows 700-fold greater binding for CCR2 vs. CCR1. Inhibits MCP-1 chemotaxis (IC ₅₀ = 330 nM) and ischemia-reperfusion injury in kidneys.
Purity	> 98%

Properties

Chemical name	6-Methyl-1'-[2-(5-methyl-2-phenyl-4-oxazolyl)ethyl]spiro[4 <i>H</i> -3,1-benzoxazine-4,4'-piperidin]-2(1 <i>H</i>)-one
Molecular weight	417.51
Chemical structure	

Molecular formula	C ₂₅ H ₂₇ N ₃ O ₃
CAS Number	300816-15-3
Storage instructions	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 10 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>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
Source	Synthetic

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