

CCR2 Antagonist - CAS 445479-97-0 - Calbiochem The CCR2 Antagonist, also referenced under CAS 445479-97-0, controls the biological activity of CCR2.

Art. ID SAF-227016-5MG
Unit 1 x 5 mg
Deliverydetails No Dangerous Good

Description

A cis-diamidocyclohexyl urea compound that potently competes against MCP-1 binding to CCR2 (IC₅₀ = 5.1 nM) and effectively inhibits MCP-1/CCR2-mediated PBMCs Ca²⁺ flux and chemotaxis (IC₅₀ = 18 and 1 nM, respectively), while showing much less effect against eotaxin binding to CCR3 (37% inhibition at 10 µM). Mutagenesis analysis indicates CCR2 Thr292 is critical in maintaining the high affinity antagonist binding.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	BMS CCR2 22	[445479-97-0]				