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产品名称: **SDZ 220-581 (Ammonium salt)**
产品别名: **SDZ 220-581 Ammonium salt**

生物活性:	
Description	SDZ 220-581 Ammonium salt is an orally active, potent, competitive NMDA receptor antagonist with pK _i value of 7.7 ^[1] .
IC₅₀ & Target	pK _i : 7.7 (NMDA receptor) ^[1]
In Vivo	SDZ 220-581 (3.2-32 mg/kg; oral administration; for 24 hours; male OF-I mice) treatment dose-dependently protects mice against maximal electroshock seizures (MES). The time-course of protection by SDZ 220-581 is characterized by a rapid onset and long duration of action ^[1] .
	Animal Model: Male OF-I mice (18-26 g)[1]
	Dosage: 3.2 mg/kg, 10 mg/kg, 32 mg/kg
	Administration: Oral administration; for 24 hours
	Result: Dose-dependently protected mice against maximal electroshock seizures (MES) upon oral administration.
References	[1]. Urwyler S, et al. Biphenyl-derivatives of 2-amino-7-phosphono-heptanoic acid, a novel class of potent competitive N-methyl-D-aspartate receptor antagonists--II. Pharmacological characterization in vivo. Neuropharmacology. 1996 Jun;35(6):655-69. [2]. Gilmour G, et al. In vitro characterisation of the novel positive allosteric modulators of the mGlu₅ receptor, LSN2463359 and LSN2814617, and their effects on sleep architecture and operant responding in the rat. Neuropharmacology. 2013 Jan;64:224-39.

源叶生物