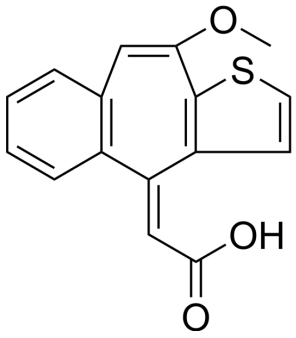
IX 207-887

Cat. No.:	HY-106087
CAS No.:	98320-39-9
Molecular Formula:	$C_{16}H_{12}O_3S$
Molecular Weight:	284.33
Target:	Interleukin Related
Pathway:	Immunology/Inflammation
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (351.70 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	3.5170 mL	17.5852 mL	35.1704 mL
	5 mM	0.7034 mL	3.5170 mL	7.0341 mL
	10 mM	0.3517 mL	1.7585 mL	3.5170 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

IX 207-887 is a novel antiarthritic agent which inhibits the release of interleukin-1 (IL-1).

IC_{50} & Target	IL-2	IL-1

In Vitro

IX 207-887 is a novel antiarthritic agent which inhibits the release of interleukin-1 (IL-1) from human monocytes and mouse peritoneal macrophages. In all test systems IX 207-887 significantly reduces both biologically active and immunoreactive IL-1 in culture media, whereas the levels of IL-1 in homogenates or lysates are either unaffected or only marginally reduced. IX 207-887 neither affects the adherence of human monocytes nor markedly inhibits IL-1 or IL-2-induced thymocyte proliferation. In the chondrocyte test no IL-1 antagonistic activity of IX 207-887 can be observed[1].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Schnyder J, et al. Inhibition of interleukin-1 release by IX 207-887. Agents Actions. 1990 Jun;30(3-4):350-62.

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