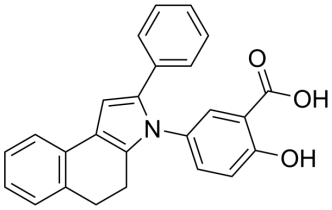
Fendosal

Cat. No.:	HY-106508
CAS No.:	53597-27-6
Molecular Formula:	$C_{25}H_{19}NO_3$
Molecular Weight:	381.42
Target:	PAI-1
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Fendosal (HP 129) is an orally active, potent non-steroidal anti-inflammatory agent. Fendosal (HP 129) is also an inhibitor of Plasminogen activator inhibitor-1 (PAI-1) [1].
In Vivo	Fendosal (p.o.) exhibits an ED_{50} of 143.66 mg/kg[1]. Fendosal (rats, 10, 25, and 50 mg/kg, orally daily for 21 days) produces a significant dose-dependent inhibition of the paw volume increase in both the adjuvant-injected and noninjected hind paws[1]. Fendosal is only slightly more active orally when dissolved in 0.1 M sodium bicarbonate than when administered as a suspension (36.1% inhibition vs. 28.5%) at a dose of 50 mg/kg using a 30 minute pretreatment time[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. H B Lassman, et al. Fendosal (HP 129): a potent anti-inflammatory and analgesic compound. Agents Actions. 1978 Apr;8(3):209-17.

[2]. Ann Gils, et al. Plasminogen activator inhibitor-1. Curr Med Chem. 2004 Sep;11(17):2323-34.

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