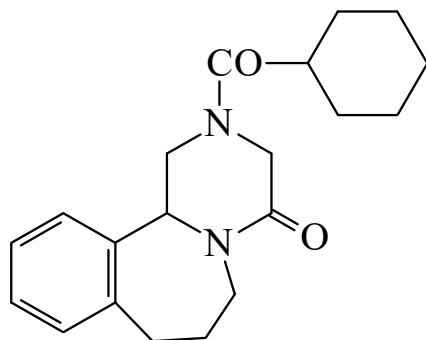




>>Entry Name: **Epsiprantel**, BAN, INN

Synonym(s): 2-(Cyclohexylcarbonyl)-2,3,6,7,8,12*b*-hexahydropyrazino[2,1-*a*][2]benzazepin-4(1*H*)-one, 9Cl. Cestex. BRL 38705



CAS Registry Number: 98123-83-2

Related CAS Registry Numbers(s): 98123-66-1 98123-67-2

Molecular Formula: C₂₀H₂₆N₂O₂

Molecular Weight: 326.438

Accurate Mass: 326.199428

Percentage Composition: C 73.59%; H 8.03%; N 8.58%; O 9.80%

Use/Importance: Anthelmintic, anticestodal agent

Calculated Log P Data: Log P 3.99 (uncertain value) (calc)

>>Variant: (+)-form

CAS Registry Number: 98123-66-1

Molecular Formula: C₂₀H₂₆N₂O₂

Molecular Weight: 326.438

Accurate Mass: 326.199428

Percentage Composition: C 73.59%; H 8.03%; N 8.58%; O 9.80%

Physical Description: Oil

Optical Rotation: [α]_D²²+41 (MeOH)

>>Variant: (–)-form

CAS Registry Number: 98123-67-2

Molecular Formula: C₂₀H₂₆N₂O₂

Molecular Weight: 326.438

Accurate Mass: 326.199428

Percentage Composition: C 73.59%; H 8.03%; N 8.58%; O 9.80%

Physical Description: Oil

Optical Rotation: [α]_D²²–42 (MeOH)

Other Data: More pharmacol. active isomer

>>Variant: (±)-form

CAS Registry Number: 121654-56-6

Molecular Formula: C₂₀H₂₆N₂O₂

Molecular Weight: 326.438

Accurate Mass: 326.199428

Percentage Composition: C 73.59%; H 8.03%; N 8.58%; O 9.80%

Physical Description: Cryst. (CHCl₃/petrol)

Melting Point: Mp 187-190°

Optical Rotation: [α]_D²²+41 (MeOH)

References:

Eur. Pat., 1986, *Beecham*, 187 012; *CA*, **105**, 158829, (*synth, pharmacol*)

Manger, B.R. *et al.*, *Br. Vet. J.*, 1989, **145**, 384, (*activity*)

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Thompson, R.C.A. *et al.*, *Res. Vet. Sci.*, 1991, **51**, 332, (*activity*)

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