

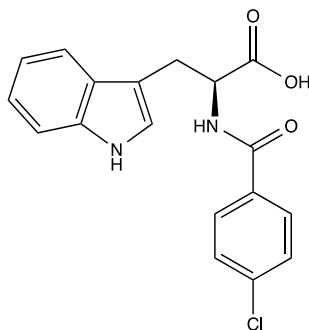
Catalog # 10-4497

Benzotript

CAS# 39544-74-6

(2S)-2-[(4-Chlorobenzoyl)amino]-3-(1H-indol-3-yl)propanoic acid

Lot # FBA4196



Benzotript antagonizes the interaction of cholecystinin and related peptides with the cholecystinin receptor.¹ It has been reported to potentiate morphine analgesia *via* interaction with opioid receptors.²

- 1) Hahne (1981), *Proglumide and benzotript: Members of a different class of cholecystinin receptor antagonists*; Proc. Natl. Acad. Sci. USA. **78** 6304
- 2) Gaudreau *et al.* (1990), *Cholecystinin antagonists proglumide, lorglumide and benzotript, but not L-364,718, interact with brain opioid binding sites*; Neuropeptides **16** 51

PHYSICAL DATA

Molecular Weight:	342.78
Molecular Formula:	C ₁₈ H ₁₅ ClN ₂ O ₃
Purity:	>98% (TLC)
	NMR: (Conforms)
Solubility:	DMSO (>25 mg/mL)
Physical Description:	White solid
Storage and Stability:	Store as supplied at -20°C for up to 1 year from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 3 months.

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