

Product Name	: (±)-N-3-Benzylirinanol
Synonyms	: —
Cat No.	: M34935
CAS Number	: 93879-40-4
Molecular Formula	: C ₁₈ H ₁₈ N ₂ O ₂
Formula Weight	: 294.35
Chemical Name	: —
Description	(±)-N-3-Benzylirinanol is a racemic mixture of (+)-N-3-Benzylirinanol and (-)-N-3-Benzylirinanol. (+)-N-3-Benzylirinanol and (-)-N-3-Benzylirinanol are potent and selective cytochrome P450 inhibitors with K _i values of 0.25 and 5.3 μM for CYP2C19, respectively.
Pathway	: Metabolic Enzyme/Protease
Target	: P450
Receptor	: P450
Solubility	: In Vitro: ?DMSO : 250 mg/mL (849.33 mM; Ultrasonic)
SMILES	: <chem>CCC1(NC(=O)N(Cc2ccccc2)C1=O)c1ccccc1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Hisashi Suzuki, et al. (+)-N-3-Benzyl-nirvanol and (-)-N-3-benzyl-phenobarbital: new potent and selective in vitro inhibitors of CYP2C19. Drug Metab Dispos. 2002 Mar;30(3):235-9.?