



Formula: C18H28N2O

MW: 288.43

Salt: HCl

CAS: 2180-92-9

MDL NUMBER: MFCD00243007

IUPAC: N-(2,6-dimethylphenyl)(1-butyl(2-piperidyl))carboxamide

Smiles: C(Nc1c(cccc1C)C)(C1N(CCCC)CCCC1)=O

Bupivacaine is indicated for local anaesthesia including infiltration, nerve block, epidural, and intrathecal anaesthesia. Bupivacaine often is administered by epidural injection before total hip arthroplasty. It also is commonly injected to surgical wound

THERAPEUTIC CATEGORY: Local anaesthetic

ACCEPTORS: 1

DONORS: 1

ROTATION BONDS: 4

N+O: 3

Chiral Centers: 1

LogP: 5.06

LogS: -4.89

LIPINSKI: 4

Synonyms: MARCAINE;BUPIVACAINE;BUPIVACAINE

BASE;(./-.)-1-Butyl-2',6'-pipercoloxylidide;1-Butyl-2-(2,6-xylylcarbamoyl)piperidine;1-Butyl-2',6'-p
ipecoloxylidide;1-butyl-2