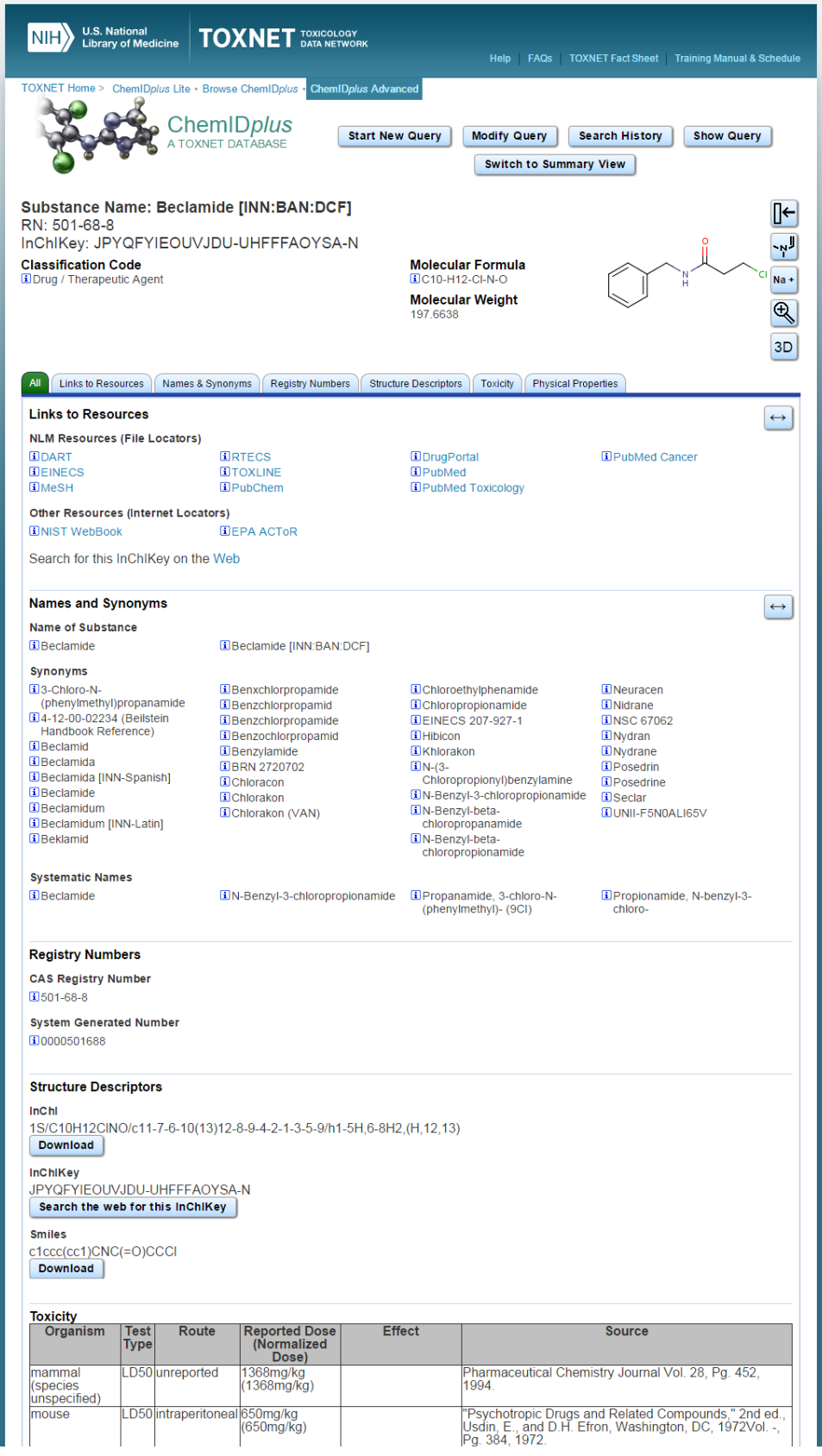

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ChemIDplus
A TOXNET DATABASE

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Substance Name: Beclamide [INN:BAN:DCF]
RN: 501-68-8
InChIKey: JPYQFYIEOUVJDU-UHFFFAOYSA-N

Classification Code
Drug / Therapeutic Agent

Molecular Formula
C10-H12-Cl-N-O

Molecular Weight
197.6638

All | Links to Resources | Names & Synonyms | Registry Numbers | Structure Descriptors | Toxicity | Physical Properties

Links to Resources

NLM Resources (File Locators)

DART, EINECS, MeSH, RTECS, TOXLINE, PubChem, DrugPortal, PubMed, PubMed Toxicology, PubMed Cancer

Other Resources (Internet Locators)

NIST WebBook, EPA ACToR

Search for this InChIKey on the Web

Names and Synonyms

Name of Substance

Beclamide, Beclamide [INN:BAN:DCF]

Synonyms

3-Chloro-N-(phenylmethyl)propanamide
4-12-00-02234 (Beilstein Handbook Reference)
Beclamid
Beclamida
Beclamida [INN-Spanish]
Beclamide
Beclamidum
Beclamidum [INN-Latin]
Beklamid
Benxchlorpropamide
Benzchlorpropamid
Benzchlorpropamide
Benzochlorpropamid
Benzylamide
BRN 2720702
Chloracon
Chlorakon
Chlorakon (VAN)
Chloroethylphenamide
Chloropropionamide
EINECS 207-927-1
Hibicon
Khlorakon
N-(3-Chloropropionyl)benzylamine
N-Benzyl-3-chloropropionamide
N-Benzyl-beta-chloropropanamide
N-Benzyl-beta-chloropropionamide
Neuracen
Nidrane
NSC 67062
Nydran
Nydrane
Posedrin
Posedrine
Seclar
UNII-F5N0ALI65V

Systematic Names

Beclamide, N-Benzyl-3-chloropropionamide, Propanamide, 3-chloro-N-(phenylmethyl)- (9CI), Propionamide, N-benzyl-3-chloro-

Registry Numbers

CAS Registry Number

501-68-8

System Generated Number

0000501688

Structure Descriptors

InChI

1S/C10H12ClNO/c11-7-6-10(13)12-8-9-4-2-1-3-5-9/h1-5H,6-8H2,(H,12,13)

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InChIKey

JPYQFYIEOUVJDU-UHFFFAOYSA-N

Search the web for this InChIKey

Smiles

c1ccc(cc1)CNC(=O)CCCl

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Toxicity

Organism	Test Type	Route	Reported Dose (Normalized Dose)	Effect	Source
mammal (species unspecified)	LD50	unreported	1368mg/kg (1368mg/kg)		Pharmaceutical Chemistry Journal Vol. 28, Pg. 452, 1994.
mouse	LD50	intraperitoneal	650mg/kg (650mg/kg)		"Psychotropic Drugs and Related Compounds," 2nd ed., Usdin, E., and D.H. Efron, Washington, DC, 1972Vol. -, Pg. 384, 1972.

http://chem.sis.nlm.nih.gov/chemidplus/rn/501-68-8

unspecified)					
mouse	LD50	intraperitoneal	650mg/kg (650mg/kg)		"Psychotropic Drugs and Related Compounds," 2nd ed., Usdin, E., and D.H. Efron, Washington, DC, 1972Vol. -, Pg. 384, 1972.
mouse	LD50	oral	1gm/kg (1000mg/kg)	BEHAVIORAL: ANTICONVULSANT	Pharmaceutical Chemistry Journal Vol. 14, Pg. 99, 1980.
rat	LD50	intraperitoneal	770mg/kg (770mg/kg)		Journal of Pharmacology and Experimental Therapeutics. Vol. 107, Pg. 403, 1953. Link to PubMed
rat	LD50	intravenous	770mg/kg (770mg/kg)		"Psychotropic Drugs and Related Compounds," 2nd ed., Usdin, E., and D.H. Efron, Washington, DC, 1972Vol. -, Pg. 384, 1972.
rat	LD50	oral	3200mg/kg (3200mg/kg)		Journal of Pharmacology and Experimental Therapeutics. Vol. 107, Pg. 403, 1953. Link to PubMed

Physical Properties

Physical Property	Value	Units	Temp (deg C)	Source
Melting Point	94	deg C		EXP
log P (octanol-water)	1.760	(none)		EST
Water Solubility	100	mg/L		EXP
Atmospheric OH Rate Constant	1.58E-11	cm3/molecule-sec	25	EST

Physical property data is provided to ChemIDplus by Syracuse Research Corporation.
See all available property data for this compound, including references.