

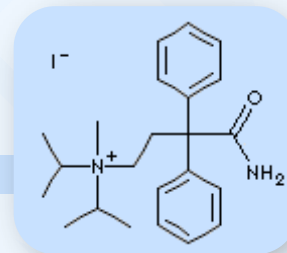
ISOPROPAMIDE IODIDE

SYNONYMS

(3-Carbamoyl-3,3-diphenylpropyl)diisopropylmethylammonium iodide; 2,2-Diphenyl-4-diisopropylaminobutyramide methiodide; 4-(Diisopropylamino)-2,2-diphenylbutyramide methiodide; gamma-(Aminocarbonyl)-N-methyl-N,N-bis(1-methylethyl)-gamma-phenylbenzenepropanaminium iodide; Iodure d'isopropamide; Ioduro de isopropamida; Isopropamide ioduro; Isopropamidi iodidum; Isoproponum iodide;

PRODUCT IDENTIFICATION

CAS RN	71-81-8
EINECS RN	200-766-8
FORMULA	C ₂₃ H ₃₃ IN ₂ O
MOL WEIGHT	480.43



PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	white to off-white powder
MELTING POINT	199 C
BOILING POINT	
DENSITY	
SOLUBILITY IN WATER	
pH	
VAPOR DENSITY	
REFRACTIVE INDEX	
FLASH POINT	

GENERAL DESCRIPTION

Isopropamide is a long-acting anticholinergic and antimuscarinic drug of quaternary ammonium structure. It is used in the form of the iodide, (also bromide or chloride) to treat peptic ulcer and to suppress gastric secretion other gastrointestinal disorders.

Brands of Isopropamide drugs:

Darbid
Dipramide
Isamide
Marygin-M
Piaccamide
Priamide
Priazimide
Sanulcin
Tyrimide

Quaternary ammonium anticholinergics (Synthetic)

ATC Code	Product	CAS RN.
A03AB01	Benzilium bromide	1050-48-2
A03AB02	Glycopyrrolate	596-51-0
A03AB03	Oxyphenonium	14214-84-7
A03AB04	Penthienate	22064-27-3
A03AB05	Propantheline	50-34-0
A03AB06	Otilonium bromide	26095-59-0
A03AB07	Methantheline	5818-17-7



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A03AB08	Tridihexethyl	60-49-1
A03AB09	Isopropamide	7492-32-2
A03AB10	Hexocyclium	6004-98-4
A03AB11	Poldine	596-50-9
A03AB12	Mepenzolic acid	25990-43-6
A03AB13	Bevonium	33371-53-8
A03AB14	Pipenzolate	13473-38-6
A03AB15	Diphemanil methylsulfate	62-97-5
A03AB16	(2-Benzhydryloxyethyl)diethyl-methylammonium iodide	
A03AB17	Tiemonium iodide	144-12-7
A03AB18	Prifinium bromide	4630-95-9
A03AB19	Timepidium bromide	35035-05-3
A03AB21	Fenpiverinium bromide	125-60-0
03AB53	Oxyphenonium, combinations	

STABILITY AND REACTIVITY

STABILITY	Stable under normal conditions. Light Sensitive
CONDITIONS OF INSTABILITY	Excess heat, light, incompatible materials
INCOMPATIBLE MATERIALS	Strong oxidizing agents. Light
DECOMPOSITION PRODUCTS	Carbon monoxide, Carbon dioxide, Nitrogen oxides, Hydrogen iodide.
POLYMERIZATION	Will not occur

SAFETY

HAZARD NOTES	Irritant. Irritating to eyes, respiratory system and skin. Target organ(s): Nerves. Thyroid. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.
EYE	Cause eye irritation.
SKIN	Cause skin irritation. May be harmful if absorbed through the skin.
INGESTION	May be harmful if swallowed.
INHALATION	Irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.
CHRONIC NFPA RATING	Health: 2, flammability: 0, reactivity: 0

SALES SPECIFICATION

APPEARANCE	white to off-white crystalline powder
ASSAY	98.0 - 101.0%
LOSS ON DRYING	0.5% max
RESIDUE ON IGNITION	0.1% max
RELATED SUBSTANCES	Total impurity: 1.0% max, Individual impurity: 0.5% max

TRANSPORT & REGULATORY INFORMATION

UN NO.	
HAZARD CLASS	
PACKING GROUP	



ISOPROPAMIDE IODIDE

HAZARD SYMBOL	XI
RISK PHRASES	36/37/38
SAFETY PHRASES	26-36

PACKING

PRICE

