



Ciproxifan maleate

Cat. No.:	OB0225LY-0131
Appearance:	Solid
Purity:	≥99%
Identity:	Confirmed by NMR, HPLC, and LC-MS.
Size:	1 mg; 2 mg; 5 mg; 10 mg; 25 mg; 50 mg; 100 mg

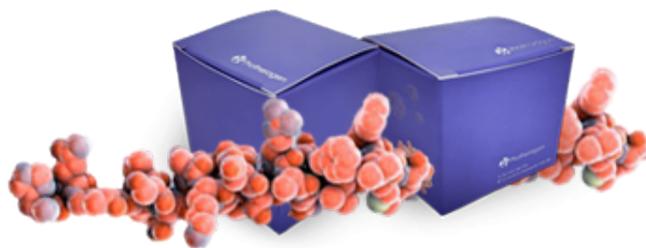
This product is for research use only and is not intended for diagnostic use.

Product Overview

Description	Ciproxifan maleate is an antihistamine and sedative drug that is an H3 histamine receptor antagonist.
Synonym	FUB 359 maleate; FUB 359; 184025-19-2; Ciproxifan (maleate); (4-(3-(1 <i>H</i> -imidazol-5-yl)propoxy)phenyl)(cyclopropyl)methanone maleate; (<i>Z</i>)-But-2-enedioic acid cyclopropyl-[4-[3-(1 <i>H</i> -imidazol-5-yl)propoxy]phenyl]methanone; (4-(3-(1 <i>H</i> -imidazol-4-yl)propoxy)phenyl)(cyclopropyl)methanone maleate; Cyclopropyl (4-[3-(1 <i>H</i> -imidazol-4-yl)propoxy]phenyl) ketone maleate salt
CAS No.	184025-19-2
Compound CID	16219152
Formula	C ₂₀ H ₂₂ N ₂ O ₆
Formula Weight	386.4

Specification

IUPAC Name	(<i>Z</i>)-But-2-enedioic acid;cyclopropyl-[4-[3-(1 <i>H</i> -imidazol-5-yl)propoxy]phenyl]methanone
InChI	InChI=1S/C16H18N2O2.C4H4O4/c19-16(12-3-4-12)13-5-7-15(8-6-13)20-9-1-2-14-10-17-11-18-14;5-3(6)1-2-4(7)8/h5-8,10-12H,1-4,9H2,(H,17,18);1-2H,(H,5,6)(H,7,8)/b;2-1-
InChI Key	RLQFKEYRALXXEJ-BTJKTKAUSA-N
SMILES string	C1CC1C(=O)C2=CC=C(C=C2)OCCCC3=CN=CN3.C(=CC(=O)O)\C(=O)O
Stability	3 years in powder form.



Storage	Storage at -20°C.
Applications	Ciproxifan maleate can be used to enhance cognitive function, improve concentration and treat narcolepsy.

Library Information

Targets	Histamine receptor
Receptors	H3 receptor
Pathways	GPCR/G protein; Immunology/Inflammation; Neuronal signaling
Plate Number	AOCL-2
Plate Location	f4
Empty Location	a1-h1; a12-h12
Container	96-well plate
Formulation	10 mM DMSO
DMSO Max Solubility	50 mg/mL; 129.4 mM
Ethanol Max Solubility	54 mg/mL; 139.75 mM