

1-(3-Methyl-4-morpholino-2,2-diphenylbutyryl-pyrrolidine

Other names:	Pyrrolidine, 1-[3-methyl-4-(4-morpholinyl)-1-oxo-2,2-diphenylbutyl]-, (.+/-.)-(.+/-.)-4-[2-Methyl-4-oxo-3,3-diphenyl-4-(1-pyrrolidiny)butyl]morpholine R-610 1-(3-Methyl-4-morpholino-2,2-diphenylbutyryl-pyrrolidine
Inchi:	InChI=1S/C25H32N2O2/c1-21(20-26-16-18-29-19-17-26)25(22-10-4-2-5-11-22,23-12-6-3
InchiKey:	INUNXTSAACVKJS-UHFFFAOYSA-N
Formula:	C25H32N2O2
SMILES:	CC(CN1CCOCC1)C(C(=O)N1CCCC1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]:	392.54

Physical Properties

Property code	Value	Unit	Source
logp	3.563		Crippen Method
mcvol	321.270	ml/mol	McGowan Method
rinpol	2930.00		NIST Webbook
rinpol	2930.00		NIST Webbook

Sources

Cheméo Relay (1.0, beta):

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C545595&Units=SI>

McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Cheméo Relay (1.0):

Legend

logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/49-104-2/1-3-Methyl-4-morpholino-2-2-diphenylbutyryl-pyrrolidine.pdf>

Generated by Cheméo on 2026-07-21 18:18:18.87253043 +0000 UTC m=+168994.714415828.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.