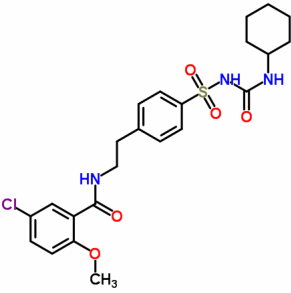


Name	<b>GLYBURIDE</b>
Structure	
Systematic name	5-chloro-N-(2-{4-[(cyclohexylcarbamoyl)sulfamoyl]phenyl}ethyl)-2-methoxybenzamide
Formula	C <sub>23</sub> H <sub>28</sub> ClN <sub>3</sub> O <sub>5</sub> S
MW	494.004
Monoisotopic mass	493.143819418
Mp	171-174°C
H bond acceptors	8
H bond donors	3
Acid pKa	4.32 (sulfonamide), 13.72 (carboxamide)
Basic pKa	--
ACD Log D pH 5.5	2.58
ACD Log D pH 7.4	1.79
Solubility	DMSO, ethanol, basic water
LD50	3250 mg/Kg mouse p.o.
Therapeutic cat	antidiabetic
ATC	<b>A10BB01</b> A ALIMENTARY TRACT AND METABOLISM A10 DRUGS USED IN DIABETES A10B BLOOD GLUCOSE LOWERING DRUGS, EXCL. INSULINS A10BB Sulfonamides, urea derivatives
Receptors	SUR on ATP-dependent K-channels

Nomi commerciali (IT)	
DAONIL, EUGLUCON, GLIBEN, GLIBORAL	A, RR, compresse