

Name	ENDUROBOL (GW501516)
Structure	
Systematic name	{2-Methyl-4-[[{4-methyl-2-[4-(trifluoromethyl)phenyl]-1,3-thiazol-5-yl)methyl)sulfanyl]phenoxy}acetic acid
Formula	C ₂₁ H ₁₈ F ₃ NO ₃ S ₂
MW	453.4977
Monoisotopic mass	453.0680
Mp	134-136°C
H bond acceptors	4
H bond donors	1
Acid pKa	3.5 (carboxyl)
Basic pKa	2.1 (thiazol)
ACD Log D pH 5.5	3.98
ACD Log D pH 7.4	2.67
Solubility	Soluble in water (slightly), DMSO (50 mg/ml), DMF (25 mg/ml), 100% ethanol (12 mg/ml), and methanol (50 mg/ml).
LD50	Oral, rat: 980 mg/kg
Therapeutic cat	“ergogenic performance enhancing”
ATC	Investigational new drug
Receptors	PPARδ agonist

Nomi commerciali (IT)	
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