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## DATASHEET

(RS)-Baclofen

### Product overview

<b>Name</b>	(RS)-Baclofen
<b>Cat No</b>	HB0953
<b>Biological action</b>	Agonist
<b>Purity</b>	>98%
<b>Description</b>	Selective GABA <sub>B</sub> receptor agonist

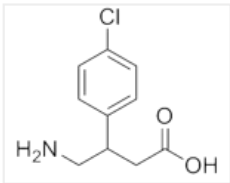
### Biological Data

<b>Biological description</b>	Selective GABA <sub>B</sub> receptor agonist. Decreases nicotine intake in a model of addiction. Shows antinociceptive, antispastic and myorelaxant actions. Blood-brain barrier permeable.
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### Solubility & Handling

<b>Storage instructions</b>	Room temperature
<b>Solubility overview</b>	Soluble in NaOH(aq) (100mM, 1eq. NaOH)
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

### Chemical Data

<b>Chemical name</b>	(RS)-4-Amino-3-(4-chlorophenyl)buta noic acid
<b>Molecular Weight</b>	213.66
<b>Chemical structure</b>	
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>12</sub> ClNO <sub>2</sub>
<b>CAS Number</b>	1134-47-0
<b>PubChem identifier</b>	2284
<b>SMILES</b>	OC(CC(CN)C1=CC=C(Cl)C=C1)=O
<b>InChi</b>	InChI=1S/C10H12ClNO2/c11-9-3-1-7(2-4-9)8(6-12)5-10(13)14/h1-4,8H,5-6,12H2,(H,13,14)
<b>InChiKey</b>	KPYSYYIEGFHWSV-UHFFFAOYSA-N
<b>MDL number</b>	MFCD00055143
<b>Appearance</b>	White solid