**Product Data Sheet**

**Product Name:** (R)-Baclofen hydrochloride  
**CAS No.:** 63701-55-3  
**Cat. No.:** HY-17354A  
**MWT:** 250.12  
**Formula:** C10H13Cl2NO2  
**Purity:** >98%  
**Solubility:** DMSO

**Mechanisms:** Pathways: Membrane Tranporter/Ion Channel; Target: GABA Receptor  
Pathways: Neuronal Signaling; Target: GABA Receptor

**Biological Activity:**

(R)-Baclofen hydrochloride is a derivative of gamma-aminobutyric acid (GABA) primarily used to treat spasticity and is in the early research stages for use for the treatment of alcoholism.  
Target: GABA  
Baclofen (brand names Kemstro, Lioresal, Liofen, Gablofen, Beklo and Baclosan) is a derivative of gamma-aminobutyric acid (GABA). It is primarily used to treat spasticity and is in the early research stages for use for the treatment of alcoholism. It is also used by compounding pharmacies in topical pain creams as a muscle relaxant.  
It is an agonist for the GABAB receptors. Its beneficial effects in spasticity result from actions at spinal and supraspinal sites. Baclofen can also be used to treat hiccups, and has been shown to prevent rises in body temperature induced by the drug MDMA in rats. In addition, research has shown baclofen to be effective in the treatment of alcoholism.

**References:**


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**Caution:** Not fully tested. For research purposes only

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