

## Product Information

### (R)-Propranolol hydrochloride

**Cat. No.:** X23-12-YM1459

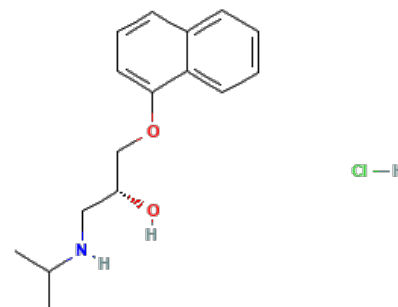
**Size:** 1 mg; 5 mg; 10 mg; 50 mg

**CAS Number:** 13071-11-9

**Compound CID:** 66366

**Synonym:** 13071-11-9; Dexpropranolol hydrochloride; Dexpropranolol HCl

**This product is for research use only and is not intended for diagnostic use.**



#### Product Information

<b>Description</b>	(R)-Propranolol hydrochloride inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
<b>Molecular Weight</b>	295.8
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>22</sub> ClNO <sub>2</sub>
<b>IUPAC Name</b>	(2R)-1-Naphthalen-1-yloxy-3-(propan-2-ylamino)propan-2-ol;hydrochloride
<b>InChI</b>	InChI=1S/C16H21NO2.ClH/c1-12(2)17-10-14(18)11-19-16-9-5-7-13-6-3-4-8-15(13)16;/h3-9,12,14,17-18H,10-11H2,1-2H3;1H/t14-;/m1./s1
<b>InChI Key</b>	ZMRUPTIKESYGQW-PFEQFJNWSA-N
<b>Canonical SMILES</b>	CC(C)NCC(COC1=CC=CC2=CC=CC=C21)O.Cl
<b>Isomeric SMILES</b>	CC(C)NC[C@H](COC1=CC=CC2=CC=CC=C21)O.Cl
<b>Form</b>	Lyophilized powder
<b>Purity</b>	>98%
<b>Stability</b>	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
<b>Applications</b>	(R)-Propranolol hydrochloride can be used for research on high blood pressure, chest pain (angina), and certain types of heart rhythm disorders.
<b>Storage</b>	Store at -20°C, and keep desiccated.