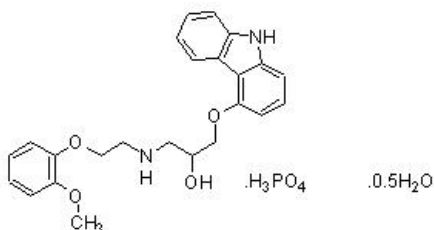


Product datasheet

Carvedilol phosphate, α_1 and β_1 , β_2 blocker
ab143592

Overview

Product name	Carvedilol phosphate, α_1 and β_1 , β_2 blocker
Description	Nonselective beta (β_1 , β_2) blocker and alpha (α_1) blocker
Biological description	Nonselective beta (β_1 , β_2) blocker and alpha (α_1) blocker. Inhibits LDL oxidation ($IC_{50} = 3.8 \mu M$). Shows negative chronotropic effects <i>in vivo</i> . Moderately orally active.
Purity	> 98%
CAS Number	610309-89-2
Chemical structure	



Properties

Chemical name	1-(9H-Carbazol-4-yloxy)-3-[2-(2-methoxyphenoxy)ethylamino]propan-2-ol phosphoric acid hydrate
Molecular weight	513.47
Molecular formula	$C_{24}H_{26}N_2O_4 \cdot H_3PO_4 \cdot 0.5H_2O$
PubChem identifier	11954344
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 100 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at $-20^\circ C$. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	<chem>COC1=CC=CC=C1OCCNCC(COC2=CC=CC3=C2C4=CC=CC=C4N3)O.COC1=CC=CC=C1OCCNCC(COC2=CC=CC3=C2C4=CC=CC=C4N3)O.O.OP(=O)(O)O.OP(=O)(O)O</chem>

Source

Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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