

Catalogue Number	Product	Order number / Unit
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**2520****(R)-Carazolol**Reference standard for (R)-[<sup>11</sup>C]Carazolol**Molar Mass:** 298.38C<sub>18</sub>H<sub>22</sub>N<sub>2</sub>O<sub>2</sub>

[78859-34-4]

Yellowish solid packaged in dark glass screw cap vials.

**Purity:** > 95 %**Certificates:**CoA; <sup>1</sup>H and <sup>13</sup>C NMR spectra**Chemical Name:**

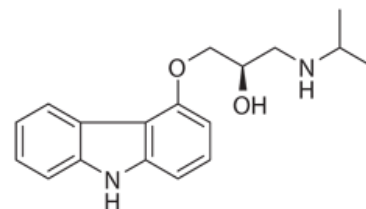
CA index name: 2-Propanol, 1-(9H-carbazol-4-yloxy)-3-[(1-methylethyl)amino], (2R)

**Synonymes:**

(R)-4-(2-Hydroxy-3-isopropylamino-propoxy)-carbazole; (R)-1-(Carbazol-4-yloxy)-3-(isopropylamino)-2-propanol; (+)-Carazolol

**Literature:**

1. Berridge M.S. et al. Preparation and in Vivo Binding of [<sup>11</sup>C]Carazolol, a Radiotracer for the Beta-adrenergic Receptor. Nucl. Med. Biol. 1992, 19, 563-569.
2. Zheng L. et al. Synthesis, Binding Properties, and <sup>18</sup>F-Labeling of Fluorocarazolol, a High-Affinity beta-Adrenergic Receptor Antagonist. J. Med. Chem. 1994, 37, 3219-3230.
3. Elsinga P.H. et al. (S,S)- and (S,R)-1'-[<sup>18</sup>F]Fluorocarazolol, Ligands for the Visualization of Pulmonary beta-Adrenergic Receptors with PET. Nucl. Med. Biol. 1996, 23, 159-167.

**2520.0010: 10 mg per vial**  
Please inquire for customized filling and bulk quantities.

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