

## Product Information

### Butamben, Purity $\geq 98\%$

**Cat. No.:** X24-09-YM1385

**Size:** 5 g; 10 g; 15 g; 20 g

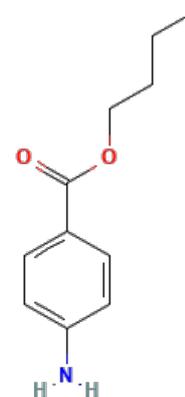
**MDL:** MFCD00017112

**CAS Number:** 94-25-7

**Compound CID:** 2482

**Synonym:** 94-25-7; Butyl 4-aminobenzoate; Butyl 4-aminobenzoate

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



### Product Information

<b>Description</b>	Butamben, soluble in DMSO, water, and ethanol, is a long-duration local anesthetic. The molecular weight of the compound is 193.24, and its molecular formula is $C_{11}H_{15}NO_2$ .
<b>Molecular Weight</b>	193.24
<b>Molecular Formula</b>	$C_{11}H_{15}NO_2$
<b>IUPAC Name</b>	Butyl 4-aminobenzoate
<b>InChI</b>	InChI=1S/C11H15NO2/c1-2-3-8-14-11(13)9-4-6-10(12)7-5-9/h4-7H,2-3,8,12H2,1H3
<b>InChI Key</b>	IUWVALYLNVXWKX-UHFFFAOYSA-N
<b>Canonical SMILES</b>	<chem>CCCCOC(=O)C1=CC=C(C=C1)N</chem>
<b>Form</b>	Lyophilized powder
<b>Purity</b>	$\geq 98\%$
<b>Impurities</b>	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
<b>Solubility</b>	<i>In vitro</i> : DMSO: 36 mg/mL (186.29 mM); Water: 36 mg/mL (186.29 mM); Ethanol: 36 mg/mL (186.29 mM)
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Stability</b>	In its lyophilized form, the chemical remains stable for 36 months.
<b>Quality Level</b>	Research grade
<b>Applications</b>	Butamben plays a key role in surgical procedures and pain management.
<b>Storage</b>	Store at $-20^{\circ}\text{C}$ , and keep desiccated.