

Levalbuterol (tartrate)

Catalog No: tcsc1682



Available Sizes

Size: 10mg

Size: 50mg



Specifications

CAS No:

661464-94-4

Formula:

$C_{30}H_{48}N_2O_{12}$

Pathway:

GPCR/G Protein

Target:

Adrenergic Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

Levosalbutamol tartrate

Observed Molecular Weight:

628.71

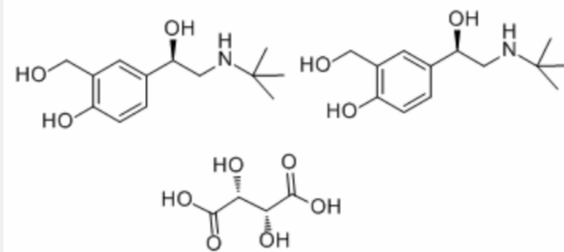
Product Description

Levosalbutamol tartrate(levulbuterol) is the R-enantiomer of the short-acting β 2-adrenergic receptor agonist salbutamol.

IC50 Value:

Target: β 2-adrenergic receptor

Levosalbutamol and salbutamol produced significantly better bronchodilator responses than placebo. Both the drugs showed equivalent time-dependent bronchodilator responses as measured by area under curve for percent change in FEV(1) and FVC over 6h. The time to onset of action, mean maximum bronchodilator response and duration of bronchodilator response were similar between levosalbutamol and salbutamol [1].



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