

HOKU-81

Catalog No: tcsc0858



Available Sizes

Size: 5mg

Size: 25mg



Specifications

CAS No:

58020-43-2

Formula:

$C_{12}H_{18}ClNO_2$

Pathway:

GPCR/G Protein

Target:

Adrenergic Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

4-Hydroxytulobuterol

Observed Molecular Weight:

243.73

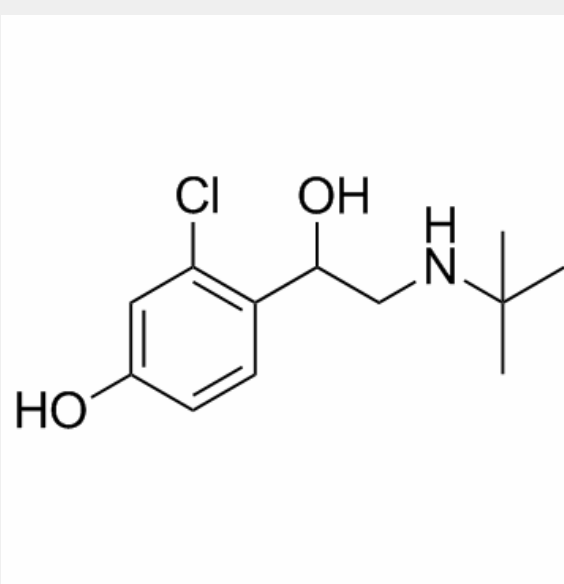
Product Description

HOKU-81, a new bronchodilator, is one of the metabolites of tulobuterol.

IC50 Value:

Target: Adrenergic Receptor

Effects of HOKU-81 on isolated trachea and atria of guinea pigs were compared with those of various bronchodilators. HOKU-81 appears to be a potent and selective beta 2-stimulant with a slight inotropic action. HOKU-81 was approximately 8 times more potent than tulobuterol, approximately twice as potent as salbutamol, and approximately as potent as isoprenaline in relaxing effect on the isolated tracheal smooth muscle preparation of guinea pigs. This effect of HOKU-81 seems to be due to direct action on the adrenergic beta-receptor.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!