

$\beta$ 2AR agonist 2

## Chemical Properties

CAS No. :

Formula: C<sub>13</sub>H<sub>18</sub>FNO

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	$\beta$ 2AR agonist 2 (compound 8a) is an agonist of the $\beta$ 2-adrenergic receptor ( $\beta$ 2AR). It is a saturated azacyclic compound featuring a 4- to 7-membered heterocycle. The compound has a chiral structure in the -R form by incorporating a carbon with a requisite hydroxyl group, which significantly stimulates glucose uptake in skeletal muscle cells, thereby enhancing cellular glucose uptake (GU). $\beta$ 2AR agonist 2 is applicable in the study of type 2 diabetes (T2D).
Targets(IC50)	Adrenergic Receptor

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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