

Product Datasheet

Salbutamol-d3 (orb2280753)

Catalog Number	orb2280753
Category	Small Molecules
Description	Salbutamol-d3 (CAS 18559-94-9 for the parent compound) is a deuterated analog of the beta2-adrenergic receptor agonist albuterol. It is used as an internal standard in LC-MS/MS bioanalysis for pharmacokinetic studies, enabling precise quantification of albuterol levels in both in vitro and in vivo research models.
Target	Adrenergic Receptor
MW	242.33
CAS Number	1219798-60-3
Formula	C ₁₃ H ₁₈ D ₃ NO ₃
SMILES	[2H]C([2H])(O)C1=C(O)C=CC(=C1)C([2H])(O)CNC(C)(C)C
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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