

Product Datasheet

Hydrocortisone-d4 (orb2299817)

Catalog Number	orb2299817
Category	Small Molecules
Description	Hydrocortisone-d4 (CAS 50-23-7) is a deuterated analog of the endogenous glucocorticoid hydrocortisone. It is widely used as an internal standard in LC-MS/MS for quantifying endogenous cortisol levels in clinical and metabolic research, including in vitro assays and in vivo pharmacokinetic studies.
Target	Endogenous Metabolite, Glucocorticoid Receptor
MW	366.48
CAS Number	73565-87-4
Formula	C ₂₁ H ₂₆ D ₄ O ₅
SMILES	<chem>C1[C@@]2(C)C(CC[C@]3([H])[C@]2([2H])[C@@]([2H])(O)C([2H])([2H])[C@@]2(C)[C@@]3([H])CC[C@]2(O)C(CO)=O)=CC(=O)C1</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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