

Product Datasheet

Cortisol-1,2-d2 (orb2300080)

Description	Cortisol-1,2-d2 is a deuterated compound of Cortisol. Cortisol has a CAS number of 50-23-7. Hydrocortisone, a glucocorticoid receptor agonist, promotes protein catabolism, gluconeogenesis, capillary wall stability, renal excretion of calcium, and suppresses immune and inflammatory responses. Therapeutic Hydrocortisone is a synthetic or semisynthetic analog of natural hydrocortisone hormone produced by the adrenal glands with primary glucocorticoid and minor mineralocorticoid effects.
Storage	-20°C
Note	For research use only
Formula	C ₂₁ H ₂₈ D ₂ O ₅
Purity	98.00%
MW	364.47
CAS Number	79037-25-5
SMILES	<chem>C[C@@]12[C@]([C@]3([C@@]([C@]4(C)C(CC3)=CC(=O)[C@@H]([C@@H]4[2H]))[2H])([C@@H](O)C1)[H])[H])(CC[C@@]2(C(CO)=O)O)[H]</chem>
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)