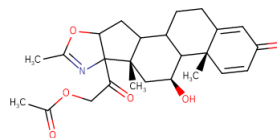


Product Name	: Deflazacort
Synonyms	: DL-458IT; L-5,458; MDL 458
Cat No.	: M11921
CAS Number	: 14484-47-0
Molecular Formula	: C ₂₅ H ₃₁ NO ₆
Formula Weight	: 441.53
Chemical Name	: 2-((6aR,7S,8aS)-7-hydroxy-6a,8a,10-trimethyl-4-oxo-2,4,6a,6b,7,8,8a,8b,11a,12,12a,12b-dodecahydro-1H-naphtho[2,1':4,5]indeno[1,2-d]oxazol-8b-yl)-2-oxoethyl acetate
Description	: Deflazacort is a glucocorticoid used as an anti-inflammatory and immunosuppressant. It suppresses the immune system and so it can be used to treat autoimmune diseases. Deflazacort can help to prevent and to treat the rejection of transplanted organs. It can also be used in the treatment of certain types of Ys.
Pathway	: Endocrinology/Hormones
Target	: GR
Receptor	: Glucocorticoid Receptor
Solubility	: Ethanol: 12 mg/mL (27.17 mM); DMSO: 88 mg/mL (199.31 mM)
SMILES	: CC(OCC(C12N=C(C)OC1CC3C(CCC4=CC(C=C[C@@@]45C)=O)C5[C@@H](O)C[C@@]32C)=O)=O
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Walter MC, et al. Orphanet J Rare Dis. 2013 Feb 14;8:26.