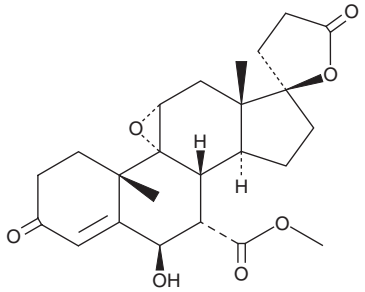
PRODUCT INFORMATION

6β-hydroxy Eplerenone

Item No. 28859

CAS Registry No.:	209253-80-5
Formal Name:	(6β,7α,11α,17α)-9,11-epoxy-6,17-dihydroxy-3-oxo-pregn-4-ene-7,21-dicarboxylic acid, γ-lactone, methyl ester
MF:	$C_{24}H_{30}O_7$
FW:	430.5
Purity:	≥95%
Supplied as:	A solid
Storage:	-20°C
Stability:	≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

6β-hydroxy Eplerenone is supplied as a solid. A stock solution may be made by dissolving the 6β-hydroxy eplerenone in the solvent of choice, which should be purged with an inert gas. 6β-hydroxy Eplerenone is soluble in methanol.

Description

6β-hydroxy Eplerenone is a major metabolite of the mineralocorticoid receptor antagonist eplerenone (Item No. 15616).[1] It is formed from eplerenone by the cytochrome P450 (CYP) isoform CYP3A4.

Reference

1. Cook, C.S., Berry, L.M., Kim, D.H., *et al.* Involvement of CYP3A in the metabolism of eplerenone in humans and dogs: Differential metabolism by CYP3A4 and CYP3A5. *Drug Metab. Dispos.* **30(12),** 1344-1351 (2002).

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