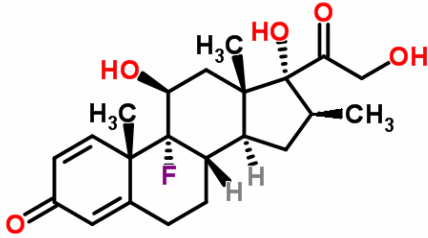


Name	BETAMETHASONE
Structure	
Systematic name	(11 β ,16 α)-9-fluoro-11,17,21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione
Formula	C ₂₂ H ₂₉ FO ₅
MW	392.4611
Monoisotopic mass	392.199902243
Mp	262-264°C
H bond acceptors	5
H bond donors	3
Acid pKa	--
Basic pKa	--
ACD Log D pH 5.5	1.87
ACD Log D pH 7.4	1.87
Solubility	acetone, chloroform
LD50	4067 mg/Kg rat p.o.
Therapeutic cat	glucocorticoid
ATC	<p>H02AB01 H SYSTEMIC HORMONAL PREPARATIONS, EXCL. SEX HORMONES AND INSULINS H02 CORTICOSTEROIDS FOR SYSTEMIC USE H02A CORTICOSTEROIDS FOR SYSTEMIC USE, PLAIN H02AB Glucocorticoids</p> <p>R01AD06 R RESPIRATORY SYSTEM R01 NASAL PREPARATIONS R01A DECONGESTANTS AND OTHER NASAL PREPARATIONS FOR TOPICAL USE R01AD Corticosteroids S03BA03 S SENSORY ORGANS S03 OPHTHALMOLOGICAL AND OTOLOGICAL PREPARATIONS S03B CORTICOSTEROIDS S03BA Corticosteroids</p> <p>and association with antibiotics, mydriatics, etc</p>
A07EA04 A ALIMENTARY TRACT AND METABOLISM A07 ANTIDIARRHEALS, INTESTINAL ANTIINFLAMMATORY/ANTIINFECTIVE AGENTS A07E INTESTINAL ANTIINFLAMMATORY AGENTS A07EA Corticosteroids acting locally	
C05AA05 C CARDIOVASCULAR SYSTEM C05 VASOPROTECTIVES C05A AGENTS FOR TREATMENT OF HEMORRHOIDS AND ANAL FISSURES FOR TOPICAL USE C05AA Corticosteroids	
D07AC01 D DERMATOLOGICALS D07 CORTICOSTEROIDS, DERMATOLOGICAL PREPARATIONS D07A CORTICOSTEROIDS, PLAIN D07AC Corticosteroids, potent (group III)	
Receptors	intracellular glucocorticoid receptors
Nomi commerciali (IT)	
>40 specialità, in associazione come b. o b. estere dipropionato, fosfato, valerato, etc	