## Typical Product Specifications & Properties

# Rifampicin USP

CAS Number: : 13292-46-1

| Specifications | Limits |
|---|---|
| Molecular weight | 822.94 |
| EINECS | 236-312-0 |
| SMILES | Cc1c(c2c3c4c1O[C@@](C4=O)(O/C=C/[C@@H]([C@H]([C@H ([C@H] (/C=C/C=C(\C(=O)Nc(c2O)c(c3O)/C=N/N5CCN(CC5)C)/C |
| InChI | JQXXHWHPUNPDRT-WLSIYKJHSA-N |
| InChIKey | 1S/C43H58N4O12/c1-21-12-11-13-22(2)42(55)45-33-28(20-44-47 31(38(33)53)36(51)26(6)40-32(30)41(54)43(8,59-40)57-19-14-29 27(7)48)25(5)35(50)24(4)34(21)49/h11-14,19-21,23-25,29,34-35 |
| log P (octanol-water) | 4.240 |
| Water solubility | 1400 mg/L |
| Atmospheric OH Rate Constant | 5.06E-10 cm3/molecule-sec |



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