

Product Name	: Elubiol
Synonyms	: R 41300
Cat No.	: M28029
CAS Number	: 67914-69-6
Molecular Formula	: C ₂₇ H ₃₀ Cl ₂ N ₄ O ₅
Formula Weight	: 561.5
Chemical Name	: —
Description	Elubiol is a new broad-spectrum antifungal product of imidazole, which can inhibit the biosynthesis of fungal ergosterol and change the composition of other lipid compounds in the cell membrane. Elubiol is used for skin and hair care in subjects with oily skin or dandruff.
Pathway	: GPCR/G Protein
Target	: Antibacterial
Receptor	: NEK2;RSK1;DYRK1a;CHK1;GSK-3β;ABL;AKT1;Aurora A;CDK2;CDK4
Solubility	: —
SMILES	: <chem>CCOC(=O)N1CCN(CC1)c1ccc(OC[C@H]2CO[C@@](Cn3ccnc3)(O2)c2ccc(Cl)cc2Cl)cc1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Xi JB, et al. Structure-based design and synthesis of imidazo[1,2-a]pyridine derivatives as novel and potent Nek2 inhibitors with in vitro and in vivo antitumor activities. Eur J Med Chem. 2017 Jan 27;126:1083-1106.