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Typical Product Specifications & Properties

Vitamin D2 Ergocalciferol 400,000 IU/g

CAS Number: : 50-14-6

Specifications	Limits
Molecular weight	396.65
EINECS	200-014-9
SMILES	<chem>CC(C)[C@@H](C)/C=C/[C@@H](C)[C@H]1CC[C@H]2\C(CCC[C@]12C)=C\C=C3\C[C@@H](O)CCC3=C</chem>
InChI	1S/C28H44O/c1-19(2)20(3)9-10-22(5)26-15-16-27-23(8-7-17-28(26,27)6)12-13-24-18-25(29)14-11-21(24)4/h9-10,12-13,19-20,22,25-27,29H,4,7-8,11,14-18H2,1-3,5-6H3/b10-9+,23-12+,24-13+/t20?,22?,25-,26?,27?,28?/m1/s1
InChIKey	MECHNRXZTMCUDQ-HXLIECEWSA-N
Form	powder
Merck	10018
Flash Point	14 °C
Solubility	H2O: 200 mg/mL, clear to hazy
Melting Point	114-118 °C
Alpha	82 ° (c=3, in acetone 25 °C)
Storage Temperature	2-8°C

