

QUALITY SPECIFICATION

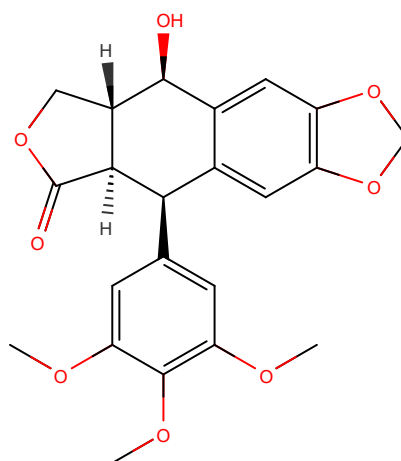
Podophyllotoxin

Catalog No.: NST-10-33

CAS No.: 518-28-5

Molecular formula: C₂₂H₂₂O₈

MW: 414.41



No.	Parameter	Specification	Method
1.	Appearance	Fine powder	Visual
2.	Color	White	Visual
3.	Identification	Conforms	UV&IR&NMR
4.	Purity	≥98.0%	HPLC
5.	Assay	≥90.0%	HPLC
6.	Sulfated ash	≤0.1 %	In house
7.	Loss on drying	≤2.0 %	In house
8.	Melting point	181°C-185°C	Melting point apparatus
9.	Specific optical rotation	-131° to -134°	Polarimeter
10.	Benzene	≤1000 ppm	GC
11.	Related substances	≤2.0 %	HPLC
12.	Heavy Metals	≤20 ppm	ICP-MS

Storage: long term storage - airtight container +2 ... +8 °C

Stability: 24 months when properly stored