



SPECIFICATION

Podophyllotoxin

Product Code:	FP05386
Synonyms:	Furo[3',4':6,7]naphtha[2,3-d]-1,3-dioxol-6(5aH)-one, 5,8,8a,9-tetrahydro-9-hydroxy-5-(3,4,5-trimethoxyphenyl)
CAS Number:	518-28-5
Chemical Formula:	$C_{22}H_{22}O_8$
Molecular Weight:	414.41

TECHNICAL SPECIFICATION

Appearance:	White to off-white crystalline powder
Assay:	min 98%
Specific optical rotation $[\alpha]_D$	-129 to -136.3° ²⁰ (c=1, CHCl ₃):
Melting point:	182 - 184°C
Identity (HPLC):	Conforms to structure
Identity (IR):	Conforms to structure
Water content (Karl Fischer):	max 3%