

Product Information

Ombrabulin, Purity $\geq 98\%$

Cat. No.: X24-09-YM1165

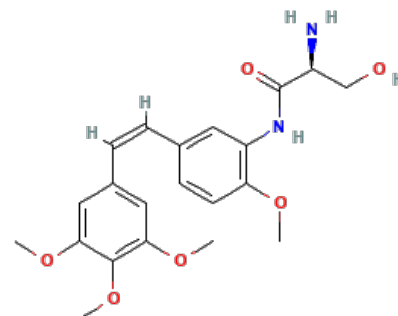
Size: 5 mg; 10 mg; 25 mg; 50 mg

CAS Number: 181816-48-8

Compound CID: 6918405

Synonym: 181816-48-8; AVE8062; AC-7700;

(2S)-2-Amino-3-hydroxy-N-[2-methoxy-5-[(Z)-2-(3,4,5-trimethoxyphenyl)ethenyl]phenyl]propanamide



This product is for research use only and is not intended for diagnostic use.

Product Information

Description	Ombrabulin is a synthetic water-soluble analog of combretastatin A4. The molecular weight of the compound is 402.4, and its molecular formula is $C_{21}H_{26}N_2O_6$.
Molecular Weight	402.4
Molecular Formula	$C_{21}H_{26}N_2O_6$
IUPAC Name	(2S)-2-Amino-3-hydroxy-N-[2-methoxy-5-[(Z)-2-(3,4,5-trimethoxyphenyl)ethenyl]phenyl]propanamide
InChI	InChI=1S/C21H26N2O6/c1-26-17-8-7-13(9-16(17)23-21(25)15(22)12-24)5-6-14-10-18(27-2)20(29-4)19(11-14)28-3/h5-11,15,24H,12,22H2,1-4H3,(H,23,25)/b6-5-t15-m0/s1
InChI Key	IXWNTLSTOZFSM-YVACAVLKSA-N
Canonical SMILES	<chem>COC1=C(C=C(C=C1)C=CC2=CC(=C(C(=C2)OC)OC)OC)NC(=O)C(CO)N</chem>
Form	Lyophilized powder
Purity	$\geq 98\%$
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	Ombrabulin can be studied extensively for its potential therapeutic applications in the treatment of solid tumors.
Storage	Store at -20°C , and keep desiccated.