

<b>Product Name:</b>	Cephalomannine
<b>Product Number:</b>	C075
<b>CAS Number:</b>	71610-00-9
<b>Molecular Formula:</b>	C <sub>45</sub> H <sub>53</sub> NO <sub>14</sub>
<b>Molecular Weight:</b>	831.90
<b>Appearance:</b>	White powder
<b>Storage Conditions:</b>	-20°C
<b>Description:</b>	Cephalomannine is a diterpene alkaloid compound with antineoplastic properties. Cephalomannine is similar in structure to paclitaxel and can be used as a synthetic material for docetaxel and paclitaxel.
<b>Mechanism of Action:</b>	Cephalomannine is thought to inhibit cell division by binding to polymeric tubulin and forming a stabilized microtubule.
<b>References:</b>	<p>Sadeghi-Aliabadi, Hojjat, and Afsaneh Yegdaneh. "Taxol and Related Compounds." <i>Natural Products</i> (2013): 3159-171.</p> <p>Wang, Xin-Shuai, Jia-Chun Sun, Rui-Na Yang, Jing Ren, Shuo Liang, Ming Sun, Ying-Fei Wang, and She-Gan Gao. "Determination of Cephalomannine in Rat Plasma by Gradient Elution UPLC–MS/MS Method." <i>Journal of Chromatography B</i> 963 (2014): 70-74.</p>