

Product Name:	Cercosporin
Product Number:	C165
CAS Number:	35082-49-6
Molecular Formula:	$C_{29}H_{26}O_{10}$
Molecular Weight:	534.5
Appearance:	Dark red solid
Storage Conditions:	-20°C
Description:	<p>Cercosporin (CGP049090) is a perylenequinone reported in 1957 as the causative agent of soy bean purple speck disease due to the fungal pathogen, Cercosporium kikuchii, which is widely found in species of Cercosporium. Cercosporin phytotoxicity is light-activated and this process contributes to a wider biological profile as a photodynamic antiviral and antitumor active.</p> <p>Cercosporin is soluble in ethanol, methanol, DMF and DMSO.</p>
References:	<p>Cercosporin. A pigment of Cercosporina kikuchii Matsumoto et Tomoyasu. I. Cultivation of fungus, isolation and purification of pigment. Kuyama S. & Tamura T. J. Am. Chem. Soc. 1957, 79, 5725.</p> <p>Small-molecule antagonists of the oncogenic Tcf/beta-catenin protein complex. Lepourcelet M. et al. Cancer Cell. 2004, 5, 91.</p>