

<b>Product Name:</b>	7-Oxostaurosporine
<b>Product Number:</b>	O028
<b>CAS Number:</b>	141196-69-2
<b>Molecular Formula:</b>	$C_{28}H_{24}N_4O_4$
<b>Molecular Weight:</b>	480.5
<b>Appearance:</b>	Yellow solid
<b>Storage Conditions:</b>	-20°C
<b>Description:</b>	<p>7-Oxostaurosporine is the oxidised and highly fluorescent analogue of UCN-01 and UCN-02. 7-Oxostaurosporine is a potent inhibitor of protein kinase C and formation of cellular blebs induced by phorbols. 7-Oxostaurosporine possesses comparable activity against tumor cells lines to UCN-01. Despite its close relationship to UCN-01 and staurosporine, limited access to the metabolite has restricted a more complete investigation of its properties.</p> <p>7-Oxostaurosporine is soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.</p>
<b>Mechanism of Action:</b>	7-Oxostaurosporine inhibits the cell cycle at the G2 stage with the accumulation of 4C DNA cells