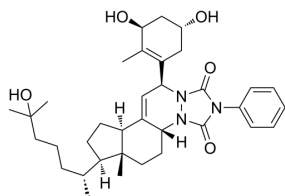


## Certificate of Analysis

<b>Product Name:</b>	Impurity C of Calcitriol
<b>Cat. No.:</b>	CS-1177
<b>CAS No.:</b>	86307-44-0
<b>Batch No.:</b>	04950
<b>Chemical Name:</b>	1H,5H-Cyclopenta[ <i>f</i> ][1,2,4]triazolo[1,2- <i>a</i> ]cinnoline-1,3(2H)-dione, 11-(3,5-dihydroxy-2-methyl-1-cyclohexen-1-yl)-4a,6,6a,7,8,9,9a,11-octahydro-7-(5-hydroxy-1,5-dimethylhexyl)-6a-methyl-2-phenyl-, [4aR-[4aα,6aα,7α(R*),9aβ,11α(3S*,5R*)]]- (9CI)

### PHYSICAL AND CHEMICAL PROPERTIES

<b>Molecular Formula:</b>	C <sub>35</sub> H <sub>49</sub> N <sub>3</sub> O <sub>5</sub>
<b>Molecular Weight:</b>	591.78
<b>Storage:</b>	2-8°C, protect from light
<b>Chemical Structure:</b>	



### ANALYTICAL DATA

<b>Appearance:</b>	White to off-white (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>LCMS:</b>	Consistent with structure
<b>Purity (HPLC):</b>	99.84%
<b>Conclusion:</b>	The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA