# Data Sheet (Cat.No.TN1200)



## 19-Oxocinobufotalin

## **Chemical Properties**

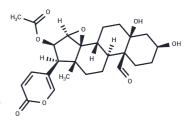
CAS No.: 24512-60-5

Formula: C26H32O8

Molecular Weight: 472.534

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## **Biological Description**

Description	19-Oxocinobufotalin 3-adipoylarginine ester shows significant inhibition effect against human hepatocellular carcinoma cell line SMMC-7721 in vitro.
Targets(IC50)	Others
In vitro	To study the chemical composition of the skin of Bufo bufo gargarizans, various chromatographic methods were used in the isolation procedures and the structures of isolated compounds were determined based on NMR and MS analysis. As a result, two new compounds were isolated from its ethanolic extract and characterized as N-[2-hydroxy-2-(4-hydroxyphenyl)ethyl]-N-methylurea (1) and 19-Oxocinobufotalin 3-adipoylarginine ester (2), together with 11 known compounds.

## **Preparing Stock Solutions**

	1mg	5mg	10mg
1 mM	2.1163 mL	10.5813 mL	21.1627 mL
5 mM	0.4233 mL	2.1163 mL	4.2325 mL
10 mM	0.2116 mL	1.0581 mL	2.1163 mL
50 mM	0.0423 mL	0.2116 mL	0.4233 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

## Reference

Cytotoxic constituents from the skin of the toad Bufo bufo gargarizans. J Asian Nat Prod Res. 2011 Feb;13(2):111-6.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Page 1 of 1 www.targetmol.com