

Selaginella tamariscina

A new triarylindanone, namely selagindanone A (1), and a new isobenzofuranone (2), 3,4-bis(4-hydroxyphenyl)isobenzofuran-1(3H)-one, were isolated from *Selaginella tamariscina*. Their structures were elucidated by comprehensive spectroscopic and mass spectrometric analyses, including 1 D-, 2 D-NMR and HR-ESI-MS. Compound 1 possesses a unique structural feature of triaryl-substituted in the skeleton of 1-indanone. In addition, compound 2 showed weak cytotoxicity against human hepatocellular carcinoma SMMC-7721 and HepG2 cell lines ¹⁾.

¹⁾

Peng YJ, Zhang D, Chen WL, Wang SY, Zhang Y, Zou H, Xiang HL, Xiao GL. A new triarylindanone and a new isobenzofuranone derivative from *Selaginella tamariscina*. Nat Prod Res. 2021 Jun 28;1-6. doi: 10.1080/14786419.2021.1938042. Epub ahead of print. PMID: 34180326.

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