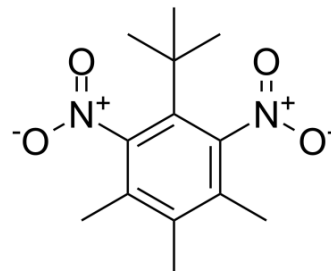


## Musk tibetene

Cat. No.:	HY-116108
CAS No.:	145-39-1
Molecular Formula:	C <sub>13</sub> H <sub>18</sub> N <sub>2</sub> O <sub>4</sub>
Molecular Weight:	266.29
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Musk tibetene (Musk tibetine) is a nitro musk compound with carcinogenic activity. Musk tibetine reveals no genotoxicity in the micronucleus test with human lymphocytes and human hepatoma cell line <sup>[1][2]</sup> .
<b>In Vitro</b>	Musk tibetene reveals no genotoxicity in the micronucleus test with human lymphocytes and with the human hepatoma cell line Hep G2 <sup>[1]</sup> . Musk tibetene reveals a cell-transforming potential that showed a dose-dependent response in our host-mediated assay system <sup>[2]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. Kevekordes S, et al. Genotoxicity of nitro musks in the micronucleus test with human lymphocytes in vitro and the human hepatoma cell line Hep G2. Toxicol Lett. 1997 Mar 14;91(1):13-7.
- [2]. Apostolidis S, et al. Evaluation of carcinogenic potential of two nitro-musk derivatives, musk xylene and musk tibetene in a host-mediated in vivo/in vitro assay system. Anticancer Res. 2002 Sep-Oct;22(5):2657-62.

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

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