Product Name: (+)-Nortrachelogenin
Catalog Number: TN4673
CAS Number: 61521-74-2
Molecular Formula: C20H22O7
Molecular Weight: 374.38

Description: (+)-Nortrachelogenin is moderately active against HIV-1 in vitro; it also can induce morphological deformation of P. oryzae mycelia with the MMDC value of 31.3 +/- 1.8 microM. (+)-Nortrachelogenin shows effects on the central nervous system producing depression in rabbits.

Storage: 2 years -80°C in solvent; 3 years -20°C powder;

<table>
<thead>
<tr>
<th>Receptor (IC50)</th>
<th>Antifection</th>
<th>HIV</th>
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In vitro Activity
METHODS AND RESULTS: A new lignan, (+)-Nortrachelogenin (I), and a known compound, daphnoretin were isolated from Wikstroemia indica C.A. Meyer (Thymelaeaceae). CONCLUSIONS: The structure of (+)-Nortrachelogenin was established as 8(R)-8',4,4',8'-trihydroxy-3,3'-dimethoxylignan-olid, (9,9') on the basis of spectroscopic evidence and comparison with its enantiomer, (-)-nortrachelogenin. +-.nortrachelogenin(I) showed effects on the central nervous system producing depression in rabbits.

Reference
1. (+)Nortrachelogenin, a new pharmacologically active lignan from Wikstroemia indica. Lloydia. 1979 Mar-Apr;42(2):159-62.

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