

<b>Product Name</b>	: Tussilagone
<b>Synonyms</b>	: Tussilagone; L-652469; L652469; TSL
<b>Cat No.</b>	: M17772
<b>CAS Number</b>	: 104012-37-5
<b>Molecular Formula</b>	: C <sub>23</sub> H <sub>34</sub> O <sub>5</sub>
<b>Formula Weight</b>	: 390.52
<b>Chemical Name</b>	: (1R,3aR,5R,7S,7aS)-1-(1-acetoxyethyl)-7-isopropyl-4-methylene-2-oxooctahydro-1H-inden-5-yl (E)-3-methylpent-2-enoate
<b>Description</b>	<p>Tussilagone inhibits dendritic cell function through the induction of heme oxygenase-1. Tussilagone has anti-cancer activity, might be a potential chemotherapeutic agent for the prevention and treatment of human colon cancer. Tussilagone has anti-oxidant and anti-inflammatory activities, may be an effective oxygenase-1 inducer and a valuable compound for modulating inflammatory conditions. Tussilagone has potential treatment of neuro-inflammatory diseases through the inhibition of overproduction of nitric oxide and prostaglandin E(2) .</p>
<b>Pathway</b>	: MAPK/ERK Signaling
<b>Target</b>	: ERK
<b>Receptor</b>	: Others
<b>Solubility</b>	: —
<b>SMILES</b>	: <chem>CCC(=CC(=O)OC1CC(C2C(C1=C)CC(=O)C2C(C)OC(=O)C(C)C)C</chem>
<b>Storage</b>	: (-20°C)
<b>Stability</b>	: ≥ 2 years
<b>Reference</b>	:

