

# garuda chemicals

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**Factory:**

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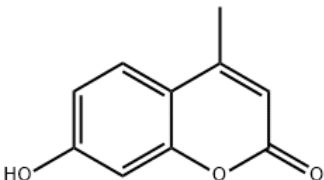
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## PHOTOGRAPHY INTERMEDIATE

<b>Product:</b>	<b>Coumarin 4</b>
<b>CAS #:</b>	90-33-5
<b>Synonyms</b>	7-Hydroxy Methylbenzopyrone; Beta Methylumbelliferone; Hymecromone; 7-Hydroxy-4-Methyl-2,h-1-Benzo-pyran-2-one; 7-Hydroxy-4-methyl Coumarin; 7-Hydroxy-4-methyl-2-Oxo-3-Chromene; 4-Methylumbelliferone
<b>Molecular Formula:</b>	C <sub>10</sub> H <sub>8</sub> O <sub>3</sub>
<b>Molecular Weight:</b>	176.17
<b>Structural Formula:</b>	
<b>Description:</b>	Pale yellow crystalline powder
<b>Absorption:</b>	322 NM max. (in Methanol)
<b>Molar Absorptivity:</b>	1.47x10 <sup>4</sup> L mole <sup>-1</sup> cm <sup>-1</sup> (at 322 NM).
<b>Fluorescence:</b>	386 NM max. (in Methanol)
<b>Optimum Lasing:</b>	404 NM.
<b>Assay:</b>	99.0% min.

## Related Information

We offer packing customised to customer-requirement. Standard packing is in 25.0 kilos net, new, polylined HDPE drums.

We mostly keep small quantities of this material in ready stock.

Please enquire for updated information on delivery schedule, pricing and payment terms to <gcsales@garudachem.com>

**H.T.S.#:** 2932.2100.11

**Known Applications:**

structurally close to scopoletin and being a coumarin derivative, exhibits anti-cancer properties; photoactivatable compounds; photochemistry; photolysis; bile therapy. (organic chemistry); choleric and antispasmodic drugs and as a standard for the fluorometric determination of enzyme activity