

OFFICE

Location: 312, Pearl Apts; 2nd Dec. St, Satwa Dubai UAE

Postal Address: P.O. Box 414360 Dubai UAE

Ph: + (971)-4-355 3390 **Email:** info@inovamolecules.com

Coumarin 4

(PART NUMBER: 50-30-9033500)

TECHNICAL DATA

CAS #	90-33-5
HTS#	2932.2100.11
SYNONYMS	7-Hydroxy Methylbenzpyrone; 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-3Chromene; 4-Methylumbelliferone
MOLECULAR FORMULA	C ₁₀ H ₈ O ₃
MOLECULAR WEIGHT	176.17
DESCRIPTION	Pale yellow crystalline powder
ABSORPTION	322 NM max. (in Methanol)
MOLAR ABSORPTION	1.47x10 ⁴ L mole ⁻¹ cm ⁻¹ (at 322 NM).
FLUORESCENCE	386 NM max. (in Methanol)
OPTIMUM LASING	404 NM.
ASSAY	99.0% min.

COMMERCIAL DATA

STANDARD PACKAGING	25 kgs. (net) new, polylined, HDPE drums. We keep small quantities of this material in ready stock
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

CONTACT INFORMATION

EMAIL ADDRESS:	info@inovamolecules.com
TELEPHONE NUMBER:	+ (971) – 4 – 355 3390
WEBSITE:	www.inovamolecules.com
POSTAL ADDRESS:	P.O. Box: 414360; Dubai, U.A.E