



Product Information

Fatty acid synthase (FASN) inhibitor, C75, Purity ≥98%

Cat. No.: X24-09-YM565

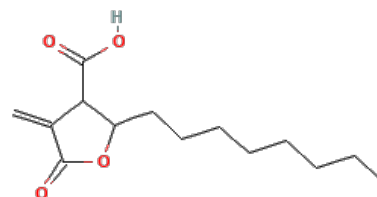
Size: 5 mg; 10 mg; 25 mg; 50 mg

MDL: MFCD03426157

CAS Number: 218137-86-1

Compound CID: 4248455

Synonym: 218137-86-1; 4-Methylene-2-octyl-5-oxotetrahydrofuran-3-carboxylic acid; 4-Methylidene-2-octyl-5-oxoxolane-3-carboxylic acid; Fatty acid synthase (FASN) inhibitor



This product is for research use only and is not intended for diagnostic use.

Product Information

Description	C75 is an effective metabolism inhibitor, that has the ability to prevent the pathway of cell metabolism by inhibiting fatty acid synthase (FASN). The molecular weight of the compound is 254.32, and its molecular formula is C ₁₄ H ₂₂ O ₄ .
Molecular Weight	254.32
Molecular Formula	C ₁₄ H ₂₂ O ₄
IUPAC Name	4-Methylidene-2-octyl-5-oxoxolane-3-carboxylic acid
InChI	InChI=1S/C14H22O4/c1-3-4-5-6-7-8-9-11-12(13(15)16)10(2)14(17)18-11/h11-12H,2-9H2,1H3,(H,15,16)
InChI Key	VCWLZDVWHQVAJU-UHFFFAOYSA-N
Canonical SMILES	CCCCCCCCC1C(C(=C)C(=O)O1)C(=O)O
Form	Lyophilized powder
Purity	≥98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	C75 can be used for its potential anti-cancer properties due to its ability to alter metabolic pathways in cancer cells.
Storage	Store at -20°C, and keep desiccated.



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