


Product datasheet

6-(Methylsulfinyl)hexyl isothiocyanate (6-MITC), tumor cell proliferation inhibitor ab142898

1 References

Overview

Product name	6-(Methylsulfinyl)hexyl isothiocyanate (6-MITC), tumor cell proliferation inhibitor
Description	Potent tumor cell proliferation inhibitor
Biological description	Potent tumor cell proliferation inhibitor <i>in vitro</i> (IC ₅₀ = 8 μM). Platelet aggregation inhibitor. Anti-inflammatory and anticancer agent. Active <i>in vitro</i> and <i>in vivo</i> .
Purity	> 98%
CAS Number	4430-35-7
Chemical structure	

Properties

Chemical name	1-Isothiocyanato-6-(methylsulfinyl)hexane
Molecular weight	205.33
Molecular formula	C ₈ H ₁₅ NOS ₂
PubChem identifier	9815648
Storage instructions	Store at +4°C. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
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Source	Synthetic

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