R,S-Sulforaphane

Carcinogenesis inhibitor

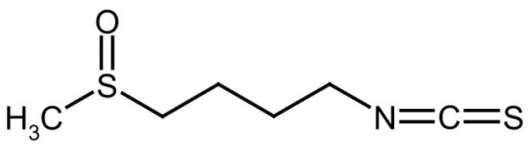
R,S-Sulforaphane is a synthetic version of the naturally occurring compound, R-sulforaphane, from Broccoli. It is a racemic mixture of both the R and S isomers. Potent, selective inducer of phase II detoxification enzymes. Inhibits chemically induced mammary tumor formation in rats. Inhibits LPS-induced HMGB1 (high mobility group box 1) secretion.

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ALX-350-232-M025	25mg

Manuals, SDS & CofA View Online »


O
S
H3C
N=C=S

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	D,L-Sulforaphane, 1-Isothiocyanato-4-methylsulfinyl-butane
Appearance	Slightly yellowish liquid.
CAS	4478-93-7 (unspecified stereo)
Formula	$C_6H_{11}NOS_2$
Identity	Identity determined by 1H-NMR and MS.
MI	**14:** 8962
MW	177.3
Purity	≥98% (UHPLC)
Solubility	Soluble in methanol or DMSO.
Source	Synthetic.

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