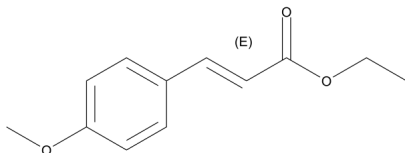


## Certificate of Analysis

Catalog Number	BP14959
Product Name	(E)-Ethyl p-methoxycinnamate

## Physical and Chemical Properties

Synonyms	Ethyl methoxycinnamate, Ethyl 4-methoxycinnamate, Ethyl p-methoxycinnamate, Ethyl para-methoxycinnamate, EPMC, 4-Methoxycinnamic Acid Ethyl Ester
CAS No.	24393-56-4
Chemical Formula	C <sub>12</sub> H <sub>14</sub> O <sub>3</sub>
Molecular Weight	206.241
Solubility	Chloroform, Dichloromethane, Ethyl Acetate, Acetone, etc.: Soluble DMSO: 37 mg/mL(179.4 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

## Product Information

Description	Ethyl 4-methoxycinnamate is an anticarcinogenic agent. Ethyl 4-methoxycinnamate is a glutathion S tranferase inhibitor.
Targets&IC50	COX-2:0.83 $\mu$ M (IC50), COX-1:1.12 $\mu$ M (IC50)

## Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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