

GCLE (CAS 104146-10-3) Market Research Report 2025

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Abstracts

GCLE (CAS 104146-10-3) Market Research Report 2025 presents comprehensive data on 7-Phenylacetamido-3-(chloromethyl)-3-cephem-4-carboxylic acid 4-methoxybenzyl ester markets globally and regionally (Europe, Asia, North America etc.)

The report includes 7-Phenylacetamido-3-(chloromethyl)-3-cephem-4-carboxylic acid 4-methoxybenzyl ester description, covers its application areas and related patterns. It overviews 7-Phenylacetamido-3-(chloromethyl)-3-cephem-4-carboxylic acid 4-methoxybenzyl ester market, names 7-Phenylacetamido-3-(chloromethyl)-3-cephem-4-carboxylic acid 4-methoxybenzyl ester producers and indicates its suppliers.

Besides, the report provides 7-Phenylacetamido-3-(chloromethyl)-3-cephem-4-carboxylic acid 4-methoxybenzyl ester prices in regional markets.

In addition to the above the report determines 7-Phenylacetamido-3-(chloromethyl)-3-cephem-4-carboxylic acid 4-methoxybenzyl ester consumers in the market.

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GCLE (CAS 104146-10-3) Market Research Report 2025 can feature:

market condition and estimations, market forecast

chemical product ranges, trademarks, analogous products, application areas

regional and global producers, consumers and traders (including contact details).

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About

Product Name: 7-Phenylacetamido-3-(chloromethyl)-3-cephem-4-carboxylic acid 4-methoxybenzyl ester

Synonyms:

(6R,7R)-3-(Chloromethyl)-8-oxo-7-[(phenylacetyl)-amino]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid (4-methoxyphenyl)-methyl ester

(6R-trans)-3-(Chloromethyl)-8-oxo-7-[(phenylacetyl)-amino]-5-thia-1-azabicyclo[4.2.0]oct-2-ene carboxylic acid 4-(methoxyphenyl)-methyl ester

4-Methoxybenzyl (6R,7R)-3-(chloromethyl)-8-oxo-7-[(phenylacetyl)-amino]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate

7-Phenylacetamido-3-(chloromethyl)-3-cephem-4-carboxylic acid 4-methoxybenzyl ester

CAS#: 104146-10-3
Formula: $C_{24}H_{23}ClN_2O_5S$
Molecular Weight: 486.97

GCLE is the main intermediate of cephem compounds. GCLE is a white solid with the molecular formula $C_{24}H_{23}ClN_2O_5S$ and molecular weight 486.97. The boiling point of GCLE is 756.6 °C.

GCLE is widely used to synthesize cephem antibiotics, namely the antibiotics of the third and the fourth generation. Such antibiotics are Cefprozil, Ceftazidime, Cefdinir, etc. Besides, the product is used in the synthesis of β -lactam antibiotics.

The dust of GCLE can produce mechanical irritation of eyes. Moreover, the product may cause skin irritation and its sensitization. The irritation of the digestive and respiratory tract is another side effect of GCLE. Inhalation of the product can lead to respiratory sensitization. Guar dust of GCLE may produce a respiratory allergenic response in some individuals.

GCLE market is covered in the study GCLE (CAS 104146-10-3) Market Research Report 2025. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks GCLE market situation, names manufacturers, suppliers as well as users. The report also provides current GCLE prices in the market.

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