

Thiamine Tetrahydrofurfuryl Disulfide (TTFD) (CAS 804-30-8) Market Research Report 2025

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Abstracts

Thiamine Tetrahydrofurfuryl Disulfide (TTFD) (CAS 804-30-8) Market Research Report 2025 presents comprehensive data on Thiamine Tetrahydrofurfuryl Disulfide (TTFD) markets globally and regionally (Europe, Asia, North America etc.)

The report includes Thiamine Tetrahydrofurfuryl Disulfide (TTFD) description, covers its application areas and related patterns. It overviews Thiamine Tetrahydrofurfuryl Disulfide (TTFD) market, names Thiamine Tetrahydrofurfuryl Disulfide (TTFD) producers and indicates its suppliers.

Besides, the report provides Thiamine Tetrahydrofurfuryl Disulfide (TTFD) prices in regional markets.

In addition to the above the report determines Thiamine Tetrahydrofurfuryl Disulfide (TTFD) consumers in the market.

BAC Reports offers its clients in-depth market research of chemical industry products on the global and regional markets (North & Latin America, Asia Pacific, European Union, Russia and CIS).

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capacities and production

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market price trends

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existing technologies

feedstock market condition

market news digest

market forecast.

Thiamine Tetrahydrofurfuryl Disulfide (TTFD) (CAS 804-30-8) 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: Thiamine Tetrahydrofurfuryl Disulfide (TTFD)

Synonyms:

Fursultiamine

Fursultiamine (base and/or unspecified salts)

N-[(4-Amino-2-methyl-5-pyrimidinyl)-methyl]-N-{4-hydroxy-1-methyl-2-[[tetrahydro-2-furanyl)-methyl]-dithio}-1-butenyl}-formamide

Thiamine tetrahydrofurfuryl disulfide

TTFD

CAS#: 804-30-8

Fursultiamine (adventan, alinamin F, diteftin, judolor, linamin, TTFD, thiamintetrahydrofurfuryldisulfid) is a disulfide derivative of thiamine, or an allithiamine. The molecular formula of fursultiamine is $C_{17}H_{26}N_4O_3S_2$. It is a colorless product with a melting point of 130-136°C.

Fursultiamine was first obtained in the 1960s in Japan. The main purpose of fursultiamine production was to develop new forms of thiamine with improved lipophilicity for treating vitamin B1 deficiency. Currently, fursultiamine is commercialized in Japan, Spain, Germany, Austria and the USA.

Clinical trials of fursultiamine have been carried out for Alzheimer's disease and autistic spectrum disorders. Fursultiamine improves energy metabolism during exercise and reduces exercise-induced fatigue. The compound has medical applications, namely in the treatment of vitamin B1 deficiency, muscular pain, arhralgia, cardiomuscular metabolic disorders, post-operative intestinal paralysis, neuralgia.

The product has potential side effects such as skin, eye, mouth, throat irritations.

Fursultiamine market is covered in the study Fursultiamine (CAS 804-30-8) Market Research Report 2013. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks fursultiamine market situation, names manufacturers, suppliers as well as users. The report also provides current fursultiamine prices in the market.

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