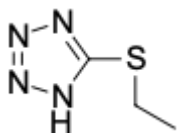


Reapack® ETT Activator

<http://www.lumiprobe.com/p/5-ethylthio-tetrazole-ett>

5-(Ethylthio)-1H-tetrazole, also known as ETT, is a chemical compound widely used as an activator in the synthesis of oligonucleotides. ETT is an effective activator for nucleoside phosphoramidites, facilitating their condensation with nucleosides to form dinucleoside phosphates during the synthesis of oligonucleotides. The ethylthio group makes ETT significantly more acidic than tetrazole, enhancing its ability as an activator.



Structure of ETT Activator

General properties

Appearance: white powder

Molecular weight: 130.18

CAS number: 89797-68-2, 618-305-8

Molecular formula: C₃H₆N₄S

IUPAC name: 5-ethylsulfanyl-2H-tetrazole

Solubility: acetonitrile

Quality control: ¹H NMR (95+ %), solubility testing, melting point (84-90 °C), functional testing in oligo synthesis

Storage conditions: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Desiccate.

Legal statement: This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.