

## Glutathione ethyl ester TFA(92614-59-0Free base)

### Chemical Properties

CAS No. :

Formula: C<sub>12</sub>H<sub>21</sub>N<sub>3</sub>O<sub>6</sub>S.xC<sub>2</sub>H<sub>3</sub>F<sub>3</sub>O<sub>2</sub>

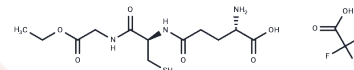
Molecular Weight:

Store at low temperature,Keep away from moisture

Storage:

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



### Biological Description

Description	Glutathione ethyl ester TFA is a glutathione substitute and a cell-permeable glutathione GSH donor that modulates age-related oxidative damage in bovine oocytes, improves the developmental capacity of oocytes from aged cows, and prevents early asthma.
Targets(IC50)	Others

### Solubility Information

Solubility	H <sub>2</sub> O: 100.00 mg/mL,Sonication is recommended. DMSO: 100.00 mg/mL,Sonication is recommended. ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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### Reference

Magata F, et al. Glutathione ethyl ester improved the age-induced decline in the developmental competence of bovine oocytes. Theriogenology. 2021 Jun;167:37-43.

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