

Product Datasheet

Troriluzole

Catalog No. **BP-02418** · CAS **1926203-09-9** · Form **free base** · Physical state **solid** · Color **White to off-white** · Version **1.0** · Revision **2026-09-11**

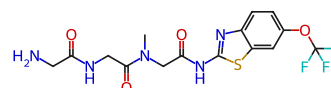
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Target mGluR	Research area Neurological DiseaseCancer
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Molecular formula **C₁₅H₁₆F₃N₅O₄S**

Molecular weight **419.3790**

STRUCTURE



DESCRIPTION

Troriluzole, a third-generation, tripeptide proagent of Riluzole, is an orally active glutamate modulator. Troriluzole reduces synaptic glutamate level and increases the synaptic glutamate absorption. Troriluzole has the potential for Alzheimer disease and generalized anxiety disorder (GAD).

BIOLOGICAL ACTIVITY

In Vitro

Troriluzole is absorbed systemically and cleaves into riluzole by aminopeptidases.

SOLUBILITY

Soluble in DMSO : 50 mg/mL

REFERENCES

[1].Schanzer B, et al. Novel investigational therapeutics for generalized anxiety disorder (GAD). Expert Opin Investig Drugs. 2019 Nov;28(11):1003-1012.

[2].Huang LK, et al. Clinical trials of new drugs for Alzheimer disease. J Biomed Sci. 2020 Jan 6;27(1):18.

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