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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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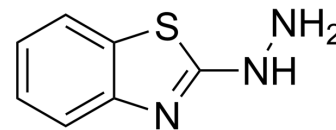
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2-Hydrazinobenzothiazole

| | |
|--------------------|--|
| Cat. No.: | HY-78699 |
| CAS No.: | 615-21-4 |
| Molecular Formula: | C ₇ H ₇ N ₃ S |
| Molecular Weight: | 165.22 |
| Target: | Indoleamine 2,3-Dioxygenase (IDO) |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | -20°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen) |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|--|
| Description | 2-Hydrazinobenzothiazole is a potent IDO1 inhibitor with an IC ₅₀ of 8 μM. 2-hydrazinobenzothiazole interacts with the IDO1 haem through hydrazine. 2-hydrazinobenzothiazole has the potential for immune system related diseases research ^[1] . |
| IC ₅₀ & Target | IDO1 8 μM (IC ₅₀) |

REFERENCES

- [1]. Sai-Parng S Fung, et al. Discovery and characterisation of hydrazines as inhibitors of the immune suppressive enzyme, indoleamine 2,3-dioxygenase 1 (IDO1). *Bioorg Med Chem.* 2013 Dec 15;21(24):7595-603.
- [2]. Sai-Parng S Fung, et al. Discovery and characterisation of hydrazines as inhibitors of the immune suppressive enzyme, indoleamine 2,3-dioxygenase 1 (IDO1). *Bioorg Med Chem.* 2013 Dec 15;21(24):7595-603.

Caution: Product has not been fully validated for medical applications. For research use only.

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