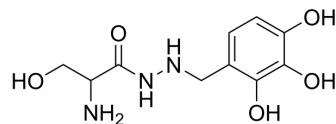


Benserazide

Cat. No.:	HY-121275
CAS No.:	322-35-0
Molecular Formula:	C ₁₀ H ₁₅ N ₃ O ₅
Molecular Weight:	257.24
Target:	Pyruvate Kinase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Benserazide is a PKM2 inhibitor. Benserazide directly binds to and blocks PKM2 enzyme activity, leading to inhibition of aerobic glycolysis concurrent up-regulation of OXPHOS. Benserazide can be used for the research of melanoma^[1].

CUSTOMER VALIDATION

- Nutrients. 2022, 14(21), 4678
- CNS Neurosci Ther. 2023 Apr 26.
- SLAS Discov. 2020 Sep;25(8):895-905.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Zhou Y, et al. Benserazide is a novel inhibitor targeting PKM2 for melanoma treatment. Int J Cancer. 2020 Jul 1;147(1):139-151.

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

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