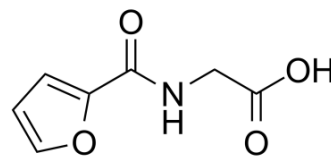


## 2-Furoylglycine

Cat. No.:	HY-113340
CAS No.:	5657-19-2
Molecular Formula:	C <sub>7</sub> H <sub>7</sub> NO <sub>4</sub>
Molecular Weight:	169.13
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	2-Furoylglycine, a urinary metabolite in human, is a putative biomarker for coffee consumption <sup>[1]</sup> .
IC <sub>50</sub> & Target	Human Endogenous Metabolite
In Vitro	2-Furoylglycine is an intermediate that can be used in the synthesis of non-nucleoside inhibitors of HCV NS5b RNA polymerase <sup>[2]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. Silke S Heinzmann, et al. 2-Furoylglycine as a Candidate Biomarker of Coffee Consumption. *J Agric Food Chem.* 2015 Sep 30;63(38):8615-21.
- [2]. Stephen S Antonysamy, et al. Fragment-based discovery of hepatitis C virus NS5b RNA polymerase inhibitors. *Bioorg Med Chem Lett.* 2008 May 1;18(9):2990-5.

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

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