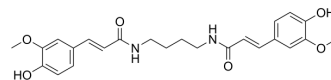


## N,N'-Diferuloylputrescine

Cat. No.:	HY-N12267
CAS No.:	42369-86-8
Molecular Formula:	C <sub>24</sub> H <sub>28</sub> N <sub>2</sub> O <sub>6</sub>
Molecular Weight:	440.49
Target:	Melanocortin Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

N,N'-Diferuloylputrescine is an inhibitor of pigmentation with 57% reduction. N,N'-Diferuloylputrescine significantly reduces the protein level of MITF. N,N'-Diferuloylputrescine has strong antioxidant activities as radical scavengers against reactive oxygen species<sup>[1]</sup>.

### REFERENCES

[1]. Kim, M.J., et al. Effect of Hydroxycinnamic Acid Derivatives from Corn Bran on Melanogenic Protein Expression. J. Korean Soc. Appl. Biol. Chem. 53, 422–426 (2010).

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

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