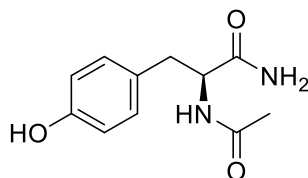


## N-Acetyl-L-tyrosinamide

Code No.: **BIA-A2670**

Pack sizes: **5 mg, 25 mg**



Synonyms : N-Acetyl-4-hydroxy-L-phenylalaninamide, N-Acetyl-L-tyrosine amide, NAYA

### Specifications

CAS #	: 1948-71-6
Molecular Formula	: C <sub>11</sub> H <sub>14</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight	: 222.24
Source	: Synthetic
Appearance	: White solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol or DMSO

### Application Notes

N-Acetyl-L-tyrosinamide has the potential to react with guanyl radicals which are produced in response to DNA damage of skin due to ionising radiation or other oxidative insults. N-Acetyl-L-tyrosinamide improves the cosmetic appearance of ageing skin.

### References

1. Repair of oxidative DNA damage by amino acids. Milligan J.R. et al. Nucleic Acids Res. 2003, 31, 6258.
2. A novel, volumizing cosmetic formulation significantly improves the appearance of target glabellar lines, nasolabial folds, and crow's feet in a double-blind, vehicle-controlled clinical trial. Farris P.K. J. Drugs Dermatol. 2014, 13, 41.