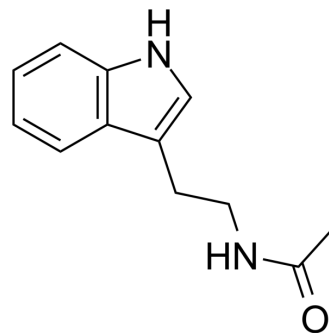


## N-Acetyltryptamine

Cat. No.:	HY-100908		
CAS No.:	1016-47-3		
Molecular Formula:	C <sub>12</sub> H <sub>14</sub> N <sub>2</sub> O		
Molecular Weight:	202.25		
Target:	Melatonin Receptor		
Pathway:	GPCR/G Protein; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

#### Description

N-Acetyltryptamine is a partial agonist for melatonin receptors in the retina<sup>[1]</sup>. N-Acetyltryptamine is also used for determination of serotonin N-acetyl transferase activity<sup>[2]</sup>.

### REFERENCES

[1]. Sugden D, et al. Melatonin receptor pharmacology: toward subtype specificity. *Biol Cell*. 1997 Nov;89(8):531-7.

[2]. De Angelis J, et al. Kinetic analysis of the catalytic mechanism of serotonin N-acetyltransferase (EC 2.3.1.87). *J Biol Chem*. 1998 Jan 30;273(5):3045-50.

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

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