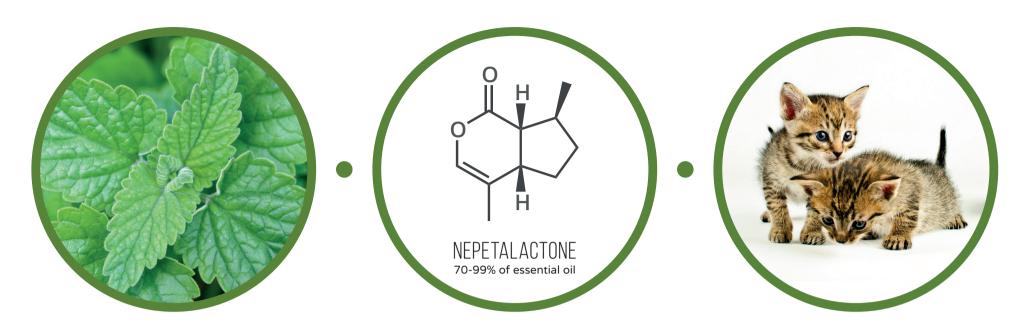
## THE CHEMISTRY OF CATNIP

Why do cats go crazy for catnip? This graphic takes a look at the chemical compound responsible and how it works.



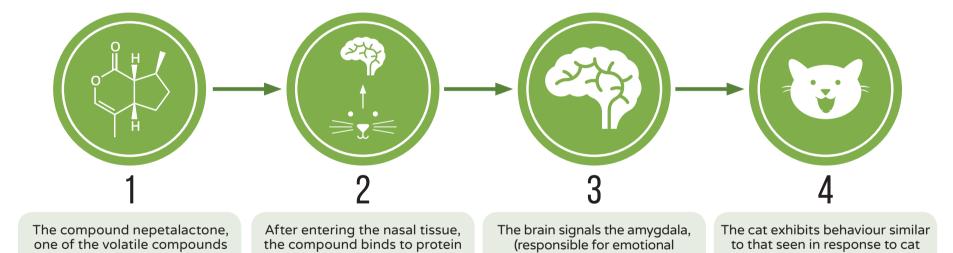
## THE EFFECT OF CATNIP

- Member of same plant family as mint.
- Effect on cats known since the 1700s.
- Affects both domestic cats and wild cats, including lions, tigers and leopards.
- Is also used as a mild sedative and antispasmodic agent in humans.
- Can also be used as an insect repellent.

## THE FELINE RESPONSE

SNIFFING LICKING CHEWING HEAD SHAKING CHIN RUBBING CHEEK RUBBING HEADOVER ROLLING BODY RUBBING VOCALISATION

**THE CATNIP RESPONSE** 



## APPROXIMATE PERCENTAGE OF CATS AFFECTED BY CATNIP

responses) and the hypothalamus

(behaviour responses).

70%

given off by catnip, enters the

cat's nasal tissue.

The susceptibility of cats to catnip is gene dependent and hereditary, and as such not all cats will exhibit a response.

Additionally, young kittens aren't affected until they reach sexual maturity. The response to catnip lasts for approximately ten minutes.

AGE UNDER WHICH CATS ARE UNAFFECTED



pheromones. This lasts for about

10 minutes.





receptors, stimulating neurons,

which then signal to the brain.