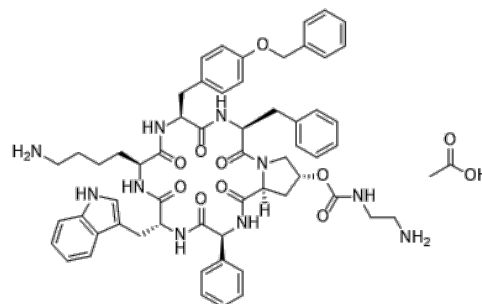


**Product Name** : Pasireotide acetate  
**Cat. No.** : PC-22363  
**CAS No.** : 396091-76-2  
**Molecular Formula** : C<sub>60</sub>H<sub>70</sub>N<sub>10</sub>O<sub>11</sub>  
**Molecular Weight** : 1107.28  
**Target** : Somatostatin Receptor  
**Solubility** : 10 mM in DMSO



CAS: 396091-76-2

## Biological Activity

Pasireotide (SOM230) acetate is a potent, stable cyclohexapeptide somatostatin mimic that exhibits unique high-affinity binding to human somatostatin receptors (pK<sub>i</sub>=8.2/9.0/9.1/<7.0/9.9 for sst1/2/3/4/5, respectively).

Pasireotide (SOM230) effectively inhibits GHRH-induced growth hormone release in primary cultures of rat pituitary cells with IC<sub>50</sub> of 0.4 nM.

Pasireotide (SOM230) also potently suppresses GH secretion in rats.

## References

Lewis I, et al. J Med Chem. 2003 Jun 5;46(12):2334-44.

Bruns C, et al. Eur J Endocrinol. 2002 May;146(5):707-16.

Hofland LJ, et al. Eur J Endocrinol. 2005 Apr;152(4):645-54.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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