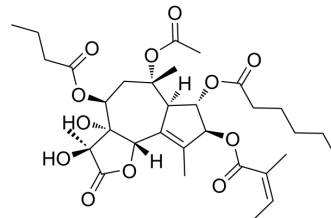


## Thapsigargin

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-N11691   |
| CAS No.:           | 67526-94-7  |
| Molecular Formula: | C <sub>32</sub> H <sub>46</sub> O <sub>12</sub>   |
| Molecular Weight:  | 622.7   |
| Target:            | Others  |
| Pathway:           | Others  |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

#### Description

Thapsigargin (Thapsigarginine) is an activator of mast cells and leukocytes. Thapsigargin induces histamine release from rat peritoneal mast cells and human basophil leukocytes. Thapsigargin increases the cytoplasmic free calcium level in intact human blood platelets<sup>[1]</sup>.

### REFERENCES

[1]. Ali H, et al. The ability of thapsigargin and thapsigargin to activate cells involved in the inflammatory response. *Br J Pharmacol.* 1985 Jul;85(3):705-12.

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

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