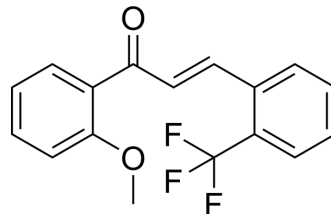


## 2-Trifluoromethyl-2'-methoxychalcone

Cat. No.:	HY-124345
CAS No.:	1309371-03-6
Molecular Formula:	C <sub>17</sub> H <sub>13</sub> F <sub>3</sub> O <sub>2</sub>
Molecular Weight:	306.28
Target:	Keap1-Nrf2
Pathway:	NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

2-Trifluoromethyl-2'-methoxychalcone is a chalcone derivative. 2-Trifluoromethyl-2'-methoxychalcone is a potent Nrf2 activator. 2-Trifluoromethyl-2'-methoxychalcone can be used for oxidative stress and inflammation related diseases research<sup>[1]</sup>.

### REFERENCES

[1]. Kumar V, et al. Novel chalcone derivatives as potent Nrf2 activators in mice and human lung epithelial cells. *J Med Chem.* 2011 Jun 23;54(12):4147-59.

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

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