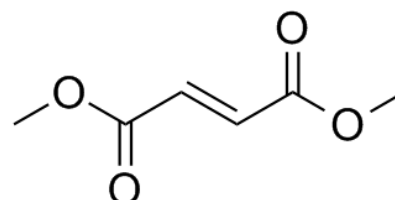


Product Name : Dimethyl fumarate
Cat. No. : PC-45182
CAS No. : 624-49-7
Molecular Formula : C₆H₈O₄
Molecular Weight : 144.1253
Target : Keap1-Nrf2
Solubility : DMSO: 9.6 mg/mL



Biological Activity

Dimethyl fumarate (DMF, BG-12) exerts anti-inflammatory and pro-metabolic effects in a variety of cell types, activates the **Nrf2** pathway.

Dimethyl fumarate has an effective novel treatment for multiple sclerosis.

Dimethyl fumarate activates the Nrf2 pathway and has been identified as a nicotinic acid receptor agonist in vitro.

References

Peng H, et al. J Biol Chem. 2012 Aug 10;287(33):28017-26.

Ashrafian H, et al. Cell Metab. 2012 Mar 7;15(3):361-71.

Scannevin RH, et al. J Pharmacol Exp Ther. 2012 Apr;341(1):274-84.

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

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