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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Triphala

Cat. No.:	HY-114335		
CAS No.:	857906-76-4		
Target:	NF-κB; Fungal		
Pathway:	NF-κB; Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Triphala

BIOLOGICAL ACTIVITY

Description	Triphala, an Ayurvedic polyherbal formulation comprising of equiproportional fruit parts of Terminalia chebula, Terminalia bellerica, and Phyllanthus emblica ^[1] . Triphala inhibits NF-κB activation. Triphala exerts antifungal action ^[2] . Anti-adipogenic, anti-inflammatory, and anti-neoplastic activities.	
IC₅₀ & Target	NF-κB	Antifungal
In Vitro	<p>Triphala regulates adipogenesis through modulation of expression of adipogenic genes in 3T3-L1 cell line. Triphala significantly decreases the adipogenesis in 3T3-L1 cells by reducing lipid accumulation and inhibiting the expression of adipogenic genes. The 3T3-L1 cells treated with Triphala show ~1.43-, 1.67-, and 2.5-fold decreases in lipid content at 1, 10, and 100 μg/mL concentrations, respectively, compared to the cells treated with induction cocktail alone. Triphala regulates lipid accumulation by down regulating expression of adipogenic genes, resulting into prevention of adipogenesis^[1]. Triphala reduces expression of inflammatory mediators such as IL-17, COX-2, and RANKL through inhibition of NF-κB activation^[2]. Triphala exerts antifungal action against Asperigillus species and has been reported to inhibit the fungus by up to 37.96% in vitro^[2].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>	

REFERENCES

[1]. Banjare J, et al. Triphala, Regulates Adipogenesis through Modulation of Expression of Adipogenic Genes in 3T3-L1 Cell Line. Pharmacogn Mag. 2018 Jan;13(Suppl 4):S834-S839.

[2]. Peterson CT, et al. Therapeutic Uses of Triphala in Ayurvedic Medicine. J Altern Complement Med. 2017 Aug;23(8):607-614.

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

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