Inflammasome Modulators

MCC-950

NLRP3 and AIM2 inflamma some inhibitor. Blocks canonical and noncanonical NLRP3 activation at nM concentrations. $^{\rm 1}$

Product No: 10-2990 5 mg/ 25 mg/_

Dapansutrile

NLRP3 inflammasome inhibitor. Significantly decreases IL-1ß and IL-18 levels in LPS-stimulated human macrophages as well as IL-1ß and caspase-1 activation in human neutrophils with no effect on TNF α levels.²

Product No: 10-4001

10 mg/ 50 mg/

Talabostat

A potent pan-specific inhibitor of the S9 family of serine proteases (DPP4/8/9 and others). DPP8/9 inhibition with talabostat activates the NIrp1b inflammasome inducing pyroptosis.³

Product No: 10-4005 5 mg/ 25 mg/

Pterostilbene

A naturally occurring compound similar to resveratrol. Inhibited the Aß-induced NLRP3/caspase-1 inflammasome pathway.⁴

Product No: 10-2367

50 mg/ 250 mg/

1 mg/ 5 mg/

5 mg/ 25 mg/

Z-VAD-FMK

A pan-specific caspase inhibitor. ZVAD-FMK may be used to block the production of inflammatory cytokines resulting from inflammasome activation.⁵

Product No: 10-2614 1 mg/

Q-VD-OPH

Pan-specific caspase inhibitor. Levels of NLRP3 inflammasome proteins were markedly elevated during Q-VD-OPH-induced necroptosis following cerebral ischemia-reperfusion injury.⁶

Product No: 10-2940

Oridonin

Oridonin has been shown to be a specific and covalent NLRP3 inhibitor. It covalently binds to Cys279 of NLRP3 NACHT domain blocking interaction between NLRP3 and NEK7 thereby inhibiting NLRP3 inflammasome assembly and activation.⁷

Product No: 10-2616 10 mg/ 50 mg/

Belnacasan

Inhibitor of ICE/caspase-1. Inhibits the activation and expression of the NLRP3 inflammasome. $^{\!\!8,9}$

Product No: 10-4399

L6H21

MD-2/TLR4 interaction inhibitor that inhibits NLRP3 inflammasome activation.¹⁰

Product No: 10-5574 5 mg/ 25 mg/

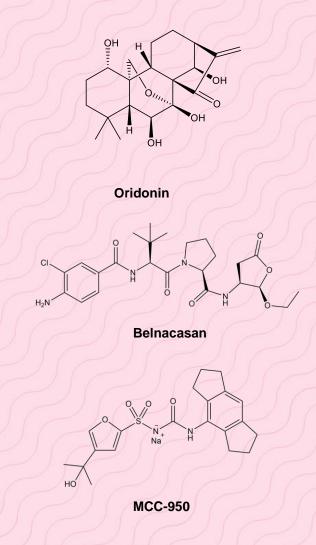
Urolithin A

Suppresses NLRP3 inflammasome activation in a Parkinson's disease model.¹¹

Product No: 10-3722

50 mg/ 1 g/





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