URB597 is an inhibitor of fatty acid amide hydrolase (FAAH). FAAH inhibition leads to an increase of anandamide, a naturally occurring substrate for the cannabinoid receptors. Increase in anandamide and activation of the CB receptors decreases sensitivity to pain in rat models. Additionally, URB597 also decreases the amount of tyrosine hydrolase in neurons in a CB receptor/FAAH independent manner. URB597 also demonstrates an anti-neuroinflammatory effect in Sprague-Dawley rat models. URB597 shows analgesic effects in numerous pain models.

References


Caution: This product is intended for laboratory and research use only. It is not for human or drug use.