

Oxaprozin, NFkB inhibitor

Catalog	Unit
TBI1128-10MG	10 mg
TBI1128-50MG	50 mg

Product Details

Formal Name: 4,5-Diphenyl-2-oxazolepropanoic acid

Molecular Formula: C₁₈H₁₅NO₃

Formula Weight: 293.32

CAS Number: 21256-18-8

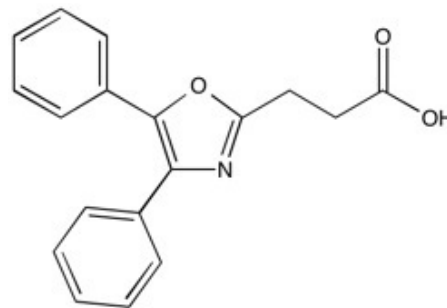
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO

Storage: RT

Stability: ≥ 1 year.



Applications

NFkB inhibitor

Functions

Oxaprozin is a clinically useful non-steroidal anti-inflammatory drug. In addition to typical NSAID COX inhibition, Oxaprozin may also exert anti-inflammatory effects via inhibition of the Akt/IKK/NF-kappaB pathway. The compound is capable of inhibiting both anandamide hydrolase in neurons (IC₅₀= 85 μmol/l), with consequent potent analgesic activity, and NF-kappaB activation in inflammatory cells (IC₅₀ = 50 μmol/l).

Application Procedures

First dissolved in DMSO, then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.