Aristolochic acid

Reversible noncompetitive PLA_2 inhibitor.

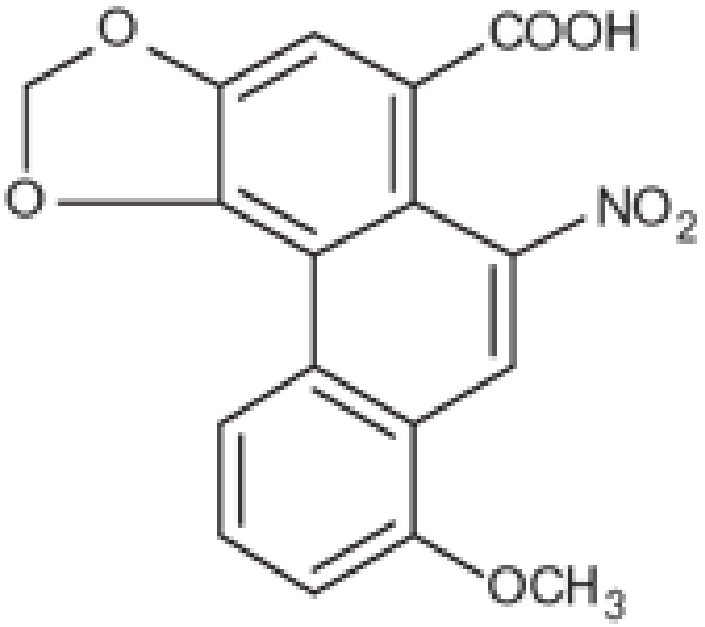
Phospholipase A_2 (PLA_2) inhibitor active against the enzymes found in many snake venoms as well as those of human platelets and synovial fluids. Inhibits ionophore-stimulated PLA_2 activity in human neutrophils. Has been shown to be nephropathic and carcinogenic.

Citations: 13 View Online »

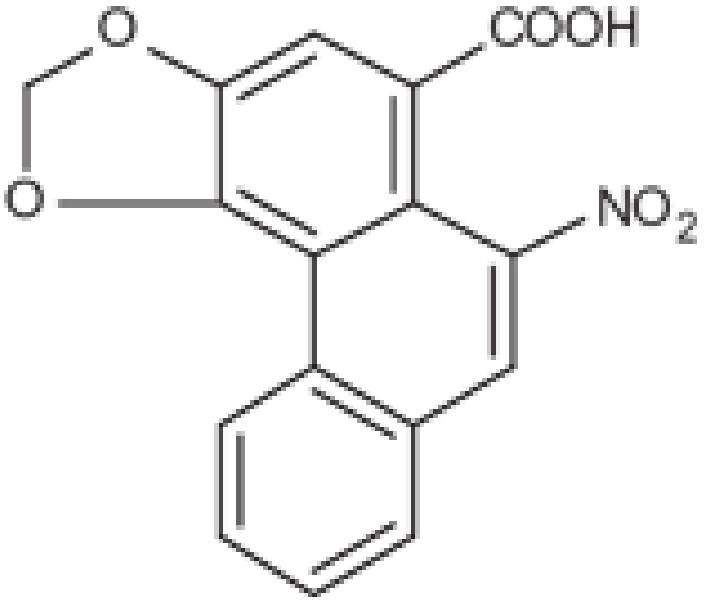
Ordering Information Order Online »

ALX-270-047-M025	25mg

Manuals, SDS & CofA View Online »



Aristolochic acid I



Aristolochic acid II

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	Ambient
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	8-Methoxy-6-nitrophenanthrol(3,4-d)-1,3-dioxide-5-carboxylic acid, 6-Nitrophenanthrol(3,4-d)-1,3-dioxide-5-carboxylic acid
Appearance	Yellow solid.
CAS	313-67-7 (Aristolochic acid I), 475-80-9 (Aristolochic acid II), 67123-64-2 (mixture)
Couple Target	PLA
Couple Type	Inhibitor
Formula	$C_{17}H_{11}NO_7$ (Aristolochic acid I) and $C_{16}H_9NO_6$ (Aristolochic acid II)
MI	**14:** 786
MW	341.3 (Aristolochic acid I) and 311.3 (Aristolochic acid II)
Purity	≥97% (~1:1 mixture of aristolochic acids I (A) and II (B))
RTECS	CF3325000
Solubility	Soluble in DMSO or 100% ethanol. Sparingly soluble in water.
Source	Isolated from *Aristolochia*.

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.