DL-α-Difluoromethylornithine . hydrochloride . monohydrate

Inhibitor of ornithine decarboxylase and arginase

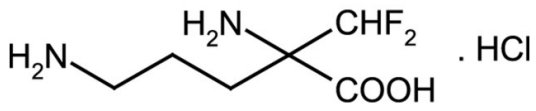
Specific, irreversible inhibitor of ornithine decarboxylase (ODC), the rate-limiting enzyme in polyamine biosynthesis. Potent chemopreventive agent. Induces apoptosis. Arginase activity inhibitor.

Citations: 15 View Online »

Ordering Information Order Online »

ALX-270-283-M010	10mg
ALX-270-283-M050	50mg

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Hygroscopic.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	DFMO . HCl . H2O, Eflornithine . HCl . H2O, RMI-71782
Appearance	White to off-white solid.
CAS	96020-91-6
Couple Target	Arginase, Ornithine decarboxylase
Couple Type	Inhibitor
Formula	$C_6H_{12}F_2N_2O_2$. HCl . H_2O
MI	**14:** 3522
MW	236.6
Purity	≥98% (TLC)
Solubility	Soluble in water (25mg/ml).

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