E-4031 . dihydrochloride

K^+ channel blocker

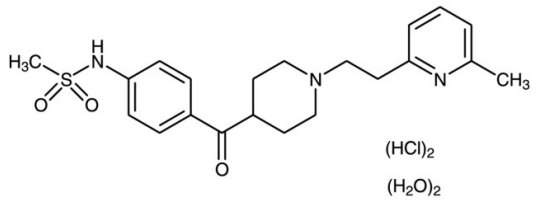
Potent and selective blocker of the inactivating inward rectifying potassium current IKR (HERG channel). Class III antiarrythmic agent with differential atrial vs. ventricular activity.

Citations: 27 View Online »

Ordering Information Order Online »

BML-KC158-0005	5mg

Manuals, SDS & CofA View Online »



$(HCl)_2$

$(H_2O)_2$

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	4′-[[1-[2-(6-methyl-2-pyridyl)ethyl]-4-piperidinyl]carbonyl]-methanesulfonanilide
Appearance	White solid.
CAS	113559-13-0
Couple Target	HERG, Potassium channel
Couple Type	Blocker
Formula	$C_{21}H_{27}N_3O_3S$. 2HCl . $2H_2O$
MW	401.5 . 73.0 . 36.0
Purity	≥98% (HPLC)
Solubility	Soluble in any aqueous buffer. Centrifuge all product preparations before use (10000 x g for 5 min).

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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

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