HA14-1

Bcl-2 ligand

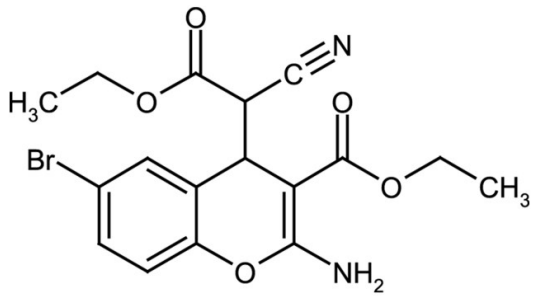
Cell permeable, low molecular weight Bcl-2 ligand. Antagonizes the function of Bcl-2 and induces apoptosis. In HL-60 cells, HA4-1 (50µM and 4h incubation) induced apoptosis of more than 90% of the cells. Apoptosis is blocked by ZVAD-FM. IC_{50} = ~9µM for competition with Flu-BakBH3 binding to Bcl-2.

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Ordering Information Order Online »

ALX-430-101-M025	25mg

Manuals, SDS & CofA View Online »


O
N
C
H3C
O
O
Br
O
CH3
O
NH2

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Unstable in solution. Prepare fresh solution for each application.
Handling	Keep cool and dry.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Ethyl 2-amino-6-bromo-4-(1-cyano-2-ethoxy-2-oxoethyl)-4H-chromene-3-carboxylate
Appearance	Off-white to light yellow powder.
CAS	65673-63-4
Couple Target	Bcl-2
Couple Type	Ligand
Formula	$C_{17}H_{17}BrN_2O_5$
Identity	Identity determined by IR, 1H-NMR.
MW	409.2
Purity	≥95% (TLC)
Solubility	Soluble in DMSO (25mg/ml), dimethyl formamide or halogenated solvents; also soluble in 100% ethanol (25mg7ml, hot).

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