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DATASHEET

ML 335

Product overview

Name	ML 335
Cat No	HB6763
Alternative names	ML-335, ML335, ML 335
Biological action	Activator
Purity	>98%
Description	Selective K_{2P}2.1 (TREK-1) and K_{2P}10.1 (TREK-2) activator

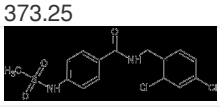
Biological Data

Biological description	Selective K_{2P}2.1 (TREK-1) and K_{2P}10.1 (TREK-2) activator (EC_{50} values are 14.3µM and 5.2 µM respectively) that does not activate K_{2P}4.1 (TRAAK).

Solubility & Handling

Storage instructions	+4°C
Solubility overview	Soluble in DMSO (100 mM), and in ethanol (20 mM)
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	N-[(2,4-Dichlorophenyl)methyl]-4-[(methylsulfonyl)amino]benzamide
Molecular Weight	373.25
Chemical structure	
Molecular Formula	$C_{15}H_{14}Cl_2N_2O_3S$
CAS Number	825658-06-8
PubChem identifier	1243054
SMILES	CS(=O)(=O)NC1=CC=C(C=C1)C(=O)NCC2=C(C=C(C=C2)Cl)Cl
InChi	InChI=1S/C15H14Cl2N2O3S/c1-23(21,22)19-13-6-3-10(4-7-13)15(20)18-9-11-2-5-12(16)8-14(11)17/h2-8,19H,9H2,1H3,(H,18,20)
InChiKey	RDFIQTZRJRVFHK-UHFFFAOYSA-N
MDL number	MFCD12985402

References

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