

Product Information

Bindarit, Purity $\geq 98\%$

Cat. No.: X24-09-YM791

Size: 5 mg; 10 mg; 25 mg; 50 mg

CAS Number: 130641-38-2

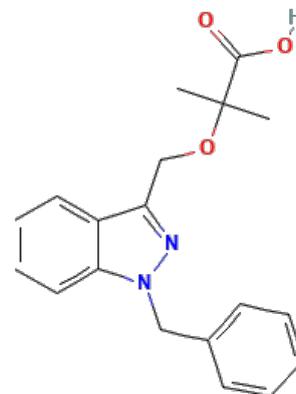
Compound CID: 71354

Synonym: 130641-38-2; AF2838; AF 2838; AF-2838;

2-[(1-Benzylindazol-3-yl)methoxy]-2-methylpropanoic acid; Propanoic acid,

2-methyl-2-[[1-(phenylmethyl)-1H-indazol-3-yl]methoxy]-;

2-[(1-Benzylindazol-3-yl)methoxy]-2-methylpropanoic acid



This product is for research use only and is not intended for diagnostic use.

Product Information

Description	Bindarit, soluble in DMSO and ethanol and insoluble in water, is an anti-inflammatory small molecule that modulates the NF κ B pathway. The molecular weight of the compound is 324.37, and its molecular formula is C ₁₉ H ₂₀ N ₂ O ₃ .
Molecular Weight	324.37
Molecular Formula	C ₁₉ H ₂₀ N ₂ O ₃
IUPAC Name	2-[(1-Benzylindazol-3-yl)methoxy]-2-methylpropanoic acid
InChI	InChI=1S/C19H20N2O3/c1-19(2,18(22)23)24-13-16-15-10-6-7-11-17(15)21(20-16)12-14-8-4-3-5-9-14/h3-11H,12-13H2,1-2H3,(H,22,23)
InChI Key	MTHORRSSURHQPZ-UHFFFAOYSA-N
Canonical SMILES	CC(C)(C(=O)O)OCC1=NN(C2=CC=CC=C2)CC3=CC=CC=C3
Form	Lyophilized powder
Purity	$\geq 98\%$
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Solubility	<i>In vitro</i> : DMSO: 61 mg/mL (188.05 mM); Water: insoluble; Ethanol: 61 mg/mL (188.05 mM); <i>In vivo</i> : 0.5% CMC, 6 mg/mL
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	Bindarit can be studied extensively for its potential therapeutic applications in the treatment of



chronic inflammatory diseases, including atherosclerosis and rheumatoid arthritis, by reducing the recruitment of inflammatory cells to sites of injury.

Storage

Store at -20°C, and keep desiccated.
