



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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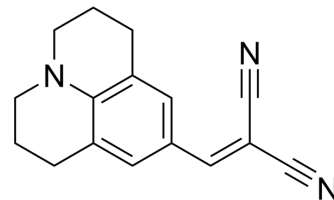
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DCVJ

Cat. No.:	HY-D1425
CAS No.:	58293-56-4
Molecular Formula:	C ₁₆ H ₁₅ N ₃
Molecular Weight:	249.31
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 62.5 mg/mL (250.69 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.0111 mL	20.0554 mL	40.1107 mL
	5 mM	0.8022 mL	4.0111 mL	8.0221 mL
	10 mM	0.4011 mL	2.0055 mL	4.0111 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

DCVJ (9-(2,2-Dicyanovinyl)julolidine), a molecular rotor and unique fluorescent dye, binds to tubulin and actin, and increases its fluorescence intensity drastically upon polymerization. DCVJ also binds to phospholipid bilayers and increases its fluorescence intensity. DCVJ can detect the kinetic process of degranulation of mast cells^[1].

REFERENCES

[1]. Furuno T, et al. A fluorescent molecular rotor probes the kinetic process of degranulation of mast cells. *Immunol Lett.* 1992;33(3):285-288.

Caution: Product has not been fully validated for medical applications. For research use only.

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