



SZABO SCANDIC

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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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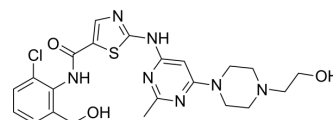
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Hydroxymethyl dasatinib

Cat. No.:	HY-W700620
CAS No.:	910297-58-4
Molecular Formula:	C ₂₂ H ₂₆ ClN ₇ O ₃ S
Molecular Weight:	504
Target:	Bcr-Abl; Drug Metabolite; Apoptosis; Src
Pathway:	Protein Tyrosine Kinase/RTK; Metabolic Enzyme/Protease; Apoptosis
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (248.02 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.9841 mL	9.9206 mL	19.8413 mL
	5 mM		0.3968 mL	1.9841 mL	3.9683 mL
	10 mM		0.1984 mL	0.9921 mL	1.9841 mL

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

BIOLOGICAL ACTIVITY

Description

Hydroxymethyl dasatinib (M24), a benzylhydroxy metabolite of Dasatinib (HY-10181), exhibits an IC₅₀ of 46.7nM in K562 CML cells^[1].

REFERENCES

[1]. Lisa J Christopher, et al. Metabolism and disposition of dasatinib after oral administration to humans. Drug Metab Dispos. 2008 Jul;36(7):1357-64.

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

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