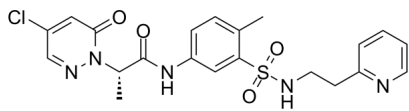


Data Sheet

Product Information

Catalog Number	BP13730
Product Name	BRD0639
Description	BRD0639 is a potent PRMT5 inhibitor. BRD0639 engages the target in cells, disrupts PRMT5-RIOK1 complexes, and reduces substrate methylation. BRD0639 is a first-in-class PBM-competitive inhibitor that can support studies of PBM-dependent PRMT5 activities and the development of novel PRMT5 inhibitors that selectively target these functions.
Chemical Formula	C ₂₁ H ₂₂ ClN ₅ O ₄ S
Molecular Weight	475.95
Solubility	DMSO: 60 mg/ml (126.06 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 <p>The chemical structure of BRD0639 is shown. It features a pyridine ring connected via a methylene group to a sulfonamide group (-SO₂NH-). This sulfonamide is attached to a benzene ring, which is also substituted with a methyl group and an amide group (-CONH-). The amide group is connected to a pyrazole ring, which has a chlorine substituent at the 5-position and a carbonyl group at the 3-position.</p>

Purdue Bioscience Inc.

750 50th St, Brooklyn, NY 11220, USA

<https://www.purduebio.com>

1-877.618.7311

info@purduebio.com

v2 Revision on 12/28/2022

Purdue Bioscience Inc.