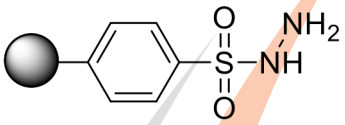
Sulfonyl Hydrazide (SO_2NHNH_2)

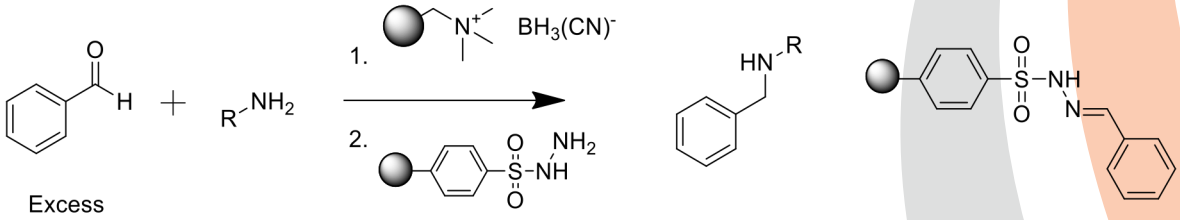
Supra Sciences

Sulfonyl Hydrazide Resin, MP, is a macroporous polystyrene resin functionalized with a p-hydrazide end group. It is an exceptional scavenger of aldehydes and ketones. It is particularly useful in sequestering excess carbonyl containing components from reductive amination reactions. When removing less reactive or sterically hindered ketones, the addition of acetic acid produces a significant rate enhancement.



It has also been reported that the hydrazide end group is capable of acting as a hydrazine equivalent for hydrogenation and cycloaddition chemistries.

General Reaction



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Solvent Compatibility

THF
DMF
NMP
DCM
DCE

Ordering Information

MP-Sulfonyl Hydrazide

Loading: 2.7-3.0 mmol/g	10g	SPMP 13-10
	25g	SPMP 13-25
Bead size: 330-1225 microns, 15-50 mesh	100g	SPMP 13-100
(>90% within)	1Kg	SPMP 13-1kg