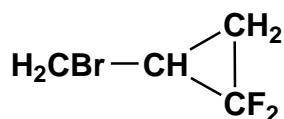


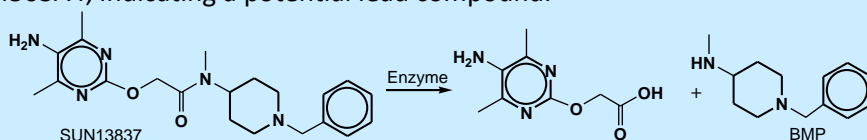
2-Bromomethyl-1,1-difluorocyclopropane

(abb.;BMFCP)

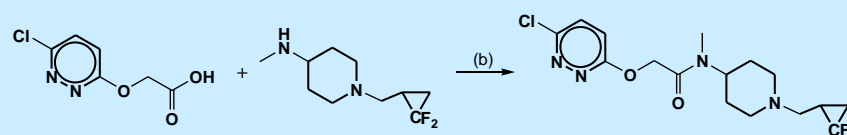
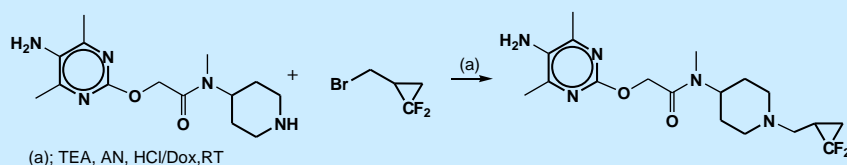


Purity	97%
CAS Number	77613-65-1
Molecular Formula	C ₄ H ₅ BrF ₂
Molecular Weight	170.98

Exploring the amelioration of nerve necrosis by SUN13837, a fibroblast growth factor receptor activity regulator, and the amelioration of antiphospholipid antibody syndrome by replacing the metabolite piperidine derivative BMP residue. The difluorocyclopropyl group retains high neuroprotective properties and activity of the metabolite cytochrome P4503A4, indicating a potential lead compound.



Application



No.	Neuro protective activity	CYP residual activity	Note
SUN13837	100%	60%	-
(1)	189%	86%	High membrane permeability
(2)	105%	99%	Low hydrolysis character

Bioorganic & Medicinal Chem., 28, 2020, 115562

Properties:

Appearance	Liquid
Boiling point, °C	104-105

Capacity: -

Packing: -

UN, PG: -



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