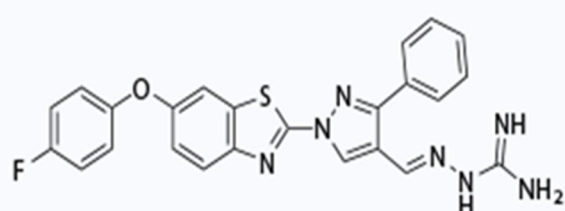


Building Blocks / Pharmaceutical Intermediates / Chemical Reagents

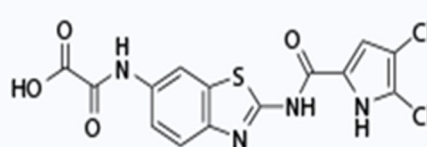
www.ChemScene.com



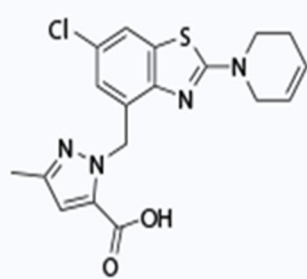
Quinazoline is a compound made up of two fused six-membered simple aromatic rings, a benzene ring and a pyrimidine ring and is also called benzopyrimidine^[1]. It is a biologically imperative scaffold known to be linked with several pharmacological activities. Some of the protuberant pharmacological responses attributed to this system are analgesic, anti-inflammatory, anti-convulsant, sedative-hypnotic, anti-histaminic, anti-hypertensive, anti-cancer, anti-microbial, anti-tubercular, anti-viral activities etc.. This multiplicity in the pharmacological response contours of quinazoline has attracted the consideration of medicinal chemists to explore this system to its multiple potential against numerous activities^[2-7].



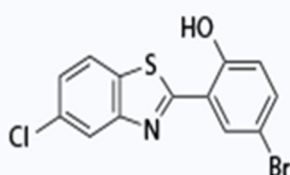
anticancer agent



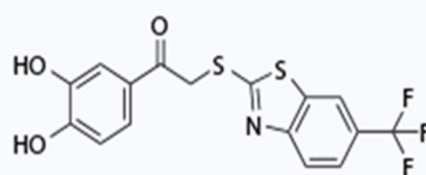
Hsp90 inhibitor



EP1 antagonist



alpha-Glucosidase inhibitor



Pma1p inhibitor

A series of medicinal products containing quinazoline has been firmly incorporated in medical practice.

[1] European Journal of Medicinal Chemistry (2021), 211, 113016.

[2] European Journal of Medicinal Chemistry (2018), 151, 628-685.

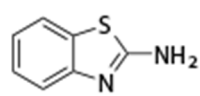
[3] European Journal of Medicinal Chemistry (2017), 130, 320-327.

[4] Journal of Medicinal Chemistry (2017), 60(3), 1171-1188.

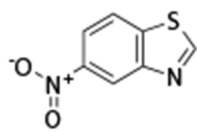
[5] Journal of Medicinal Chemistry (2018), 61(10), 4635-4640.

[6] Journal of Medicinal Chemistry (2018), 61(17), 7952-7976.

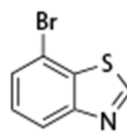
[7] Journal of Medicinal Chemistry (2019), 62(3), 1218-1230.



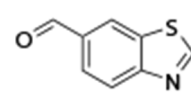
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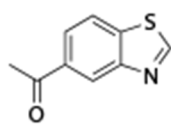
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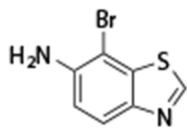
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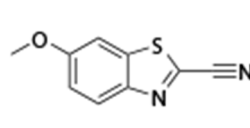
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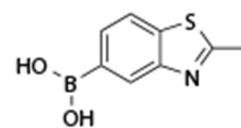
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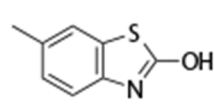
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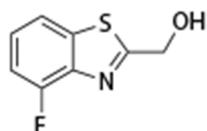
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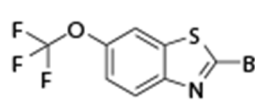
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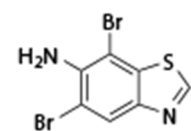
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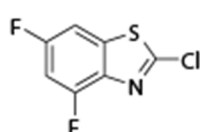
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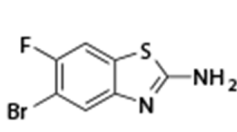
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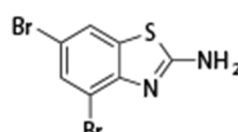
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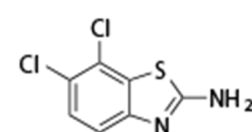
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