

Resource: Drug or Mechanism names

HTTP Method: GET

Request:

Parameter	Description
Param1 item	Drug item name to get suggestion matching with its starting characters

Response:

Parameter	Description
Responds with a model object to be used in rendering values on the html	...Return a model object of json type with the drug name and mechanism name suggestions based on the starting character passed as request parameter

Example:

Request http://localhost:8080/searchDrug?item=te
Response [{"drug":"Temodal"}, {"drug":"Terazosin"}, {"drug":"Temozolomide"}, {"mechanism":"TEP II Inhibitors"}]

Resource: Drug Details Object or Mechanism Details object

HTTP Method: POST

Request:

Parameter	Description
Param1 item	Drug Summary object to be searched for requested drug item or Mechanism Summary object to be searched for requested mechanism item

Response:

Parameter	Description
Responds with a model object to be used in rendering values on the html	...Return a model object of json type with the drug object with complete details of the drug name code, name brand, name generics etc. Or mechanism object with complete details of the mechanism and its associated drugs

Example:**Request**<http://localhost:8080/searchDrug?item=Temozolomide>**Response 200 OK****Drug Summary**

Drug Name	Temozolomide					
NamesCode	CCRG-81045 M & B-39831 NSC-362856 Sch-52365					
NamesBrand	Temodal Temodar					
NamesGeneric	Temozolomide					
MechanismsMolecular	DNA Topoisomerase II alpha Inhibitors DNA Alkylating Drugs TEP II Inhibitors					
DevelopmentStatusSummary	Condition	Phase Highest	ConditionInActiveDevelopment	Year	Organizations	AdministrationRoutes
	Neurologic cancer	Launched	false	2010	Merck & Co. Ernst & Young	parenteral
	Astrocytoma	Launched	false	1999	Merck & Co.	intravenous oral

Request

<http://localhost:8080/searchDrug?item=TEP II Inhibitors>

Response 200 OK

Mechanism Summary

Mechanism Details

Mechanism Name :TEP II Inhibitors

Associated Drug Names

Temodal

Terazosin

Temozolomide