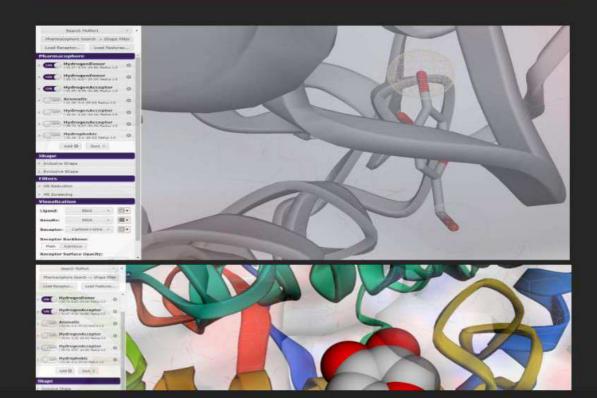


pharmit currently has 11 built-in libraries containing 1,651,276,353 conformations of 347,673,603 compounds and

2,147 publicly accessible user-contributed libraries containing 689,237,661 conformations of 113,343,943 compounds.



Rules :-2) No nove than 5 hydrogen bond donors.

2) No nove than to hydrogen bond acceptors

3) Molecular mass less than 500 daltons 4) Octanol water parlition confficient (logp)
Should be less than = 5 5) Rotatable bond (<=10) the arrow next to first bottom on left side boar to search dalabase. Dotabases & press georch botton to initiate ** Right side bor opens display search result.

For saving & loading serion two bottons at the botton left side bor can be used.

#) The results are saved, by Clicking on save page. Kenut & Discussion: Result y Discussion:

Result gene slotted in increasing & deveracing order

based RMSD, mass, number of rotatable bonds.

The softing uses done based on RMSDs,

obtain results usere recorded.

The quorey allined post uses visculised

the quorey allined post uses visculised

the clicking the corresponding row. b

results panels.

SA selected compained has option initiating anewquory

using compound as query begands can further used docing suches.

	ent Result
WWW. resb. org.	
Query 5- 2054/4BB2/5M80)	5M8m/4PPs.
Procedure:	
php to initiates a search cesis Structure can be obtained	ng PDB accusion code.
The Charles PDB Wentil	1100 84 19 10 1
positil kmay,	MUDIONIVOI
hegand of interest	in second box-select
& Binding Site 1100 to	1 1 1
enterely of otherwise as	naybe excluded
- Leatures-	The Optional pharmaco
* Click on Submit to	man a . 1
#) Click on optionally,	Med a and day
* Alba buing and	Struct a land
Choose tood features	to rearch page
SDS (PDB/ mol - 2 formats.	a applied hogand
* A recentor dile in man	0/ 1/
aptionally provided	of the same formed nau
The state of the s	(0) 11 10 11
* Useralization of molecu	le Courbe done after
the desired structure a	ne provoded.
west the well control of	atures will be identifie
the course the of notice	as & seld Dad al alla Th
Viscolization option to	streplayed provided

A con	
_	sidebern & toggle the option or desired.
	To obscure the pharmaco Leature reduce the
	Surface receptor opicity at lousest setting.
	& Clock on spears of both sharma contrare & Slage
	Constors & torgal between soled & wire display
	+ Pharmacophore relied to define quolecular similar
	- The E perform smetwel alignment o This feature
	- The Expersor smetwol alignment of this feature
	boggled on/OFF to include them of remove
	ther.
	& Pross arrow on left of given phormocophores
	value til, radius & location of pharmaco phone
	roses armow on left of given phormoeophore & value til, radius & location of phormocophore & Restreet the atom number associated if
	significal.
	Shape constains are introduce by choosing spear option in dropdown menus, bress ADD. ** Cet position & sing of sphere. ** press add again to continue adding sphere. ** Defined both inclusives & exclusives shape constrains using legends & receptor surfaces. ** Click on the filters option to screen for list.
	spear option in aropdown menus tres ADD.
	4) Set position & size of Sphore.
	* must add again to continue adding sphere.
	4) Defined both inclusive & exclusive shape
	constrains using legende & releptor gurfales.
	* Click on the filters option to screen for lits
	E Reje bility.
	Here Lipinskin parameters an set de generale The best pattern also get maximum hits per Confi per molecules (Lipinskin nele).
	The hest pattern also get maximum his per
	Conda nex molecules (Lipinskin rele).
1	

Douvation of Pharmacophole pottern for selecting ligands.

Aim: To design a pharmacophole pattern to relative Ligand using pharma IT online software tool.